

Supplementary Table 1 PTs signaling of Hydromorphone and morphine stulfa

PTs	hydromorphone					morphine sulfate						
	Case Reports	ROR(95% CI)	PRR(95% CI)	chisq	IC(IC025)	EBGM(EB GM05)	Case Reports	ROR(95% CI)	PRR(95% CI)	chisq	IC(IC025)	EBGM(EB GM05)
drug dependence	6925	47.56(46.35, 48.79)	42.05(41.23, 42.88)	266035.16	5.33(5.29)	40.24(39.38)	3926	15.53(15.04, 16.04)	14.91(14.34, 15.51)	49817.31	3.86(3.82)	14.56(14.17)
emotional distress	3423	29.59(28.57, 30.64)	27.92(26.85, 29.04)	86380.16	4.76(4.71)	27.12(26.33)	1655	8.61(8.2, 9.05)	8.48(8.15, 8.82)	10780.04	3.07(2.99)	8.37(8.03)
drug abuse	667	8.15(7.55, 8.8)	8.07(7.46, 8.73)	4098.96	3(2.89)	8(7.51)	1861	14.87(14.2, 15.58)	14.59(14.03, 15.17)	23013.05	3.83(3.77)	14.26(13.71)
learning disability	355	66.31(59.52, 73.88)	65.92(59.77, 72.71)	21166.39	5.94(5.79)	61.54(56.22)	127	14.39(12.07, 17.17)	14.38(12.05, 17.15)	1542.51	3.81(3.56)	14.05(12.13)
substance abuse	264	32.88(29.08, 37.19)	32.74(29.11, 36.83)	7842.72	4.98(4.81)	31.64(28.54)	504	41.44(37.85, 45.37)	41.22(37.37, 45.46)	18471.81	5.27(5.14)	38.56(35.74)
mental disorder	246	5.7(5.03, 6.47)	5.68(5.05, 6.39)	944.04	2.5(2.32)	5.65(5.09)						
delirium	172	5.13(4.41, 5.96)	5.12(4.38, 5.99)	566.67	2.35(2.13)	5.09(4.49)	256	4.88(4.32, 5.52)	4.87(4.33, 5.48)	781.35	2.27(2.1)	4.84(4.36)
mental status changes	98	3.53(2.9, 4.31)	3.53(2.9, 4.29)	176.82	1.81(1.53)	3.52(2.98)	185	4.27(3.69, 4.93)	4.26(3.71, 4.89)	458.73	2.08(1.88)	4.24(3.75)
euphoric mood	83	7.94(6.4, 9.86)	7.93(6.39, 9.84)	498.32	2.98(2.67)	7.87(6.57)	119	7.29(6.08, 8.73)	7.28(6.1, 8.68)	636.75	2.85(2.59)	7.2(6.19)
substance dependence	68	117.21(91.04, 150.9)	117.08(90.75, 151.06)	6934.39	6.7(6.34)	103.85(84.07)	107	127.02(103.04, 150.9)	126.88(102.27, 150.9)	10967.64	6.7(6.41)	104.31(87.56)
self esteem decreased	68	27.21(21.37, 34.63)	27.18(21.48, 34.39)	1664.83	4.72(4.38)	26.42(21.59)	36	9.05(6.51, 12.58)	9.05(6.49, 12.63)	253.87	3.16(2.69)	8.93(6.78)
post-traumatic stress disorder	53	8.08(6.17, 10.6)	8.08(6.14, 10.63)	325.82	3(2.62)	8.02(6.39)	39	3.78(2.76, 5.18)	3.78(2.76, 5.17)	79.34	1.91(1.46)	3.76(2.89)
substance use disorder	40	22.38(16.35, 30.63)	22.36(16.34, 30.6)	796.81	4.45(4)	21.85(16.81)	23	8.12(5.38, 12.26)	8.12(5.38, 12.25)	141.59	3(2.42)	8.02(5.68)
drug use disorder	30	4.82(3.37, 6.9)	4.82(3.39, 6.86)	90.37	2.26(1.75)	4.8(3.56)	44	4.52(3.36, 6.09)	4.52(3.37, 6.06)	119.76	2.17(1.74)	4.49(3.51)
suicidal behaviour	25	5.86(3.96, 8.69)	5.86(3.96, 8.67)	100.19	2.54(1.99)	5.83(4.2)						
attention deficit hyperactivity disorder	20	5.54(3.57, 8.6)	5.54(3.6, 8.53)	73.9	2.46(1.84)	5.51(3.81)						
alcohol abuse	18	6.48(4.07, 10.3)	6.47(4.04, 10.36)	82.74	2.69(2.03)	6.44(4.37)	15	3.44(2.07, 5.71)	3.44(2.07, 5.73)	25.78	1.78(1.07)	3.42(2.24)
behaviour disorder	18	3.91(2.46, 6.2)	3.9(2.44, 6.24)	38.72	1.96(1.31)	3.89(2.64)						
near death experience	14	4.81(2.85, 8.14)	4.81(2.83, 8.17)	42.08	2.26(1.53)	4.79(3.09)						

emotional poverty	7	4.18(1.99, 8.79)	4.18(1.98, 8.8)	16.86	2.06(1.06)	4.17(2.24)	11	4.2(2.32, 7.6)	4.2(2.33, 7.56)	26.65	2.06(1.24)	4.18(2.54)
self esteem inflated	7	54.04(25.21, 115.83)	54.03(25.16, 116.04)	343.93	5.67(4.64)	51.06(26.98)						
antisocial behaviour	6	5.84(2.62, 13.03)	5.84(2.61, 13.04)	23.9	2.54(1.47)	5.81(2.97)	11	6.87(3.79, 12.44)	6.86(3.81, 12.35)	54.47	2.76(1.94)	6.8(4.13)
sexually inappropriate behaviour	4	9.04(3.38, 24.21)	9.04(3.39, 24.09)	28.32	3.16(1.89)	8.96(3.93)	6	8.69(3.88, 19.47)	8.69(3.89, 19.41)	40.25	3.1(2.02)	8.58(4.37)
grief reaction	3	5.83(1.87, 18.13)	5.83(1.87, 18.17)	11.92	2.53(1.11)	5.8(2.24)						
breathing-related sleep disorder	3	11.48(3.68, 35.85)	11.48(3.68, 35.78)	28.35	3.5(2.08)	11.35(4.38)						
imperception	3	65.06(20.16, 209.9)	65.06(20.07, 210.88)	176.6	5.93(4.45)	60.78(22.81)						
respiratory rate decreased	104	33.62(27.64, 40.9)	33.57(27.59, 40.84)	3169.25	5.02(4.74)	32.41(27.51)	125	25.96(21.7, 31.06)	25.93(21.74, 30.93)	2868.11	4.64(4.38)	24.86(21.4)
general physical condition abnormal	42	6.25(4.61, 8.46)	6.24(4.65, 8.37)	183.71	2.63(2.2)	6.21(4.82)						
respiratory rate increased	34	3.84(2.74, 5.38)	3.84(2.75, 5.36)	71.19	1.94(1.46)	3.83(2.89)	54	3.9(2.99, 5.1)	3.9(2.96, 5.13)	115.8	1.96(1.57)	3.88(3.1)
pulse absent	25	5.12(3.45, 7.58)	5.12(3.46, 7.58)	82.35	2.35(1.79)	5.09(3.67)	26	3.4(2.31, 4.99)	3.4(2.3, 5.03)	43.69	1.76(1.21)	3.38(2.45)
opiates positive	22	44.54(29.03, 68.34)	44.53(28.93, 68.54)	892.46	5.41(4.81)	42.5(29.7)	20	25.71(16.43, 40.24)	25.71(16.38, 40.35)	454.83	4.62(3.99)	24.66(16.95)
drug screen negative	21	11.72(7.62, 18.03)	11.72(7.61, 18.04)	203.29	3.53(2.93)	11.58(8.08)	19	6.76(4.3, 10.62)	6.76(4.31, 10.61)	92.11	2.74(2.11)	6.69(4.58)
toxicologic test abnormal	20	30.42(19.48, 47.5)	30.41(19.37, 47.73)	550.48	4.88(4.25)	29.46(20.29)	34	33.78(23.9, 47.74)	33.77(23.73, 48.06)	1021.76	5(4.51)	31.97(23.94)
postmortem blood drug level increased	14	42.09(24.63, 71.93)	42.08(24.79, 71.43)	536.69	5.33(4.58)	40.27(25.72)	12	22.86(12.84, 40.71)	22.86(12.95, 40.36)	241.35	4.46(3.66)	22.03(13.6)
coma scale abnormal	13	4.51(2.61, 7.78)	4.51(2.61, 7.81)	35.32	2.17(1.41)	4.49(2.85)	16	3.54(2.17, 5.79)	3.54(2.17, 5.78)	29.04	1.82(1.13)	3.53(2.34)
oxygen saturation abnormal	12	4.73(2.68, 8.35)	4.73(2.68, 8.35)	35.13	2.24(1.45)	4.71(2.93)						
blood ph decreased	9	4.92(2.56, 9.48)	4.92(2.58, 9.39)	27.99	2.29(1.4)	4.9(2.83)	35	12.41(8.88, 17.35)	12.41(8.89, 17.32)	359.41	3.61(3.13)	12.17(9.2)
vital functions abnormal	8	9.7(4.83, 19.48)	9.7(4.79, 19.64)	61.78	3.26(2.32)	9.61(5.36)						
postmortem blood drug level abnormal	8	60.73(29.69, 124.23)	60.72(29.4, 125.4)	440.51	5.83(4.86)	56.99(31.31)	4	18.74(6.92, 50.73)	18.74(6.9, 50.92)	65.08	4.18(2.9)	18.19(7.91)
pco2 increased	7	9.57(4.55, 20.16)	9.57(4.54, 20.15)	53.18	3.25(2.24)	9.48(5.09)	19	16.88(10.7, 26.64)	16.88(10.75, 26.49)	275.83	4.04(3.4)	16.43(11.22)

po2 decreased	7	5.67(2.7, 11.92)	5.67(2.69, 11.94)	26.74	2.5(1.49)	5.64(3.03)	16	8.33(5.09, 13.65)	8.33(5.1, 13.6)	101.74	3.04(2.35)	8.23(5.44)
postmortem blood drug level	6	105.1(45.1, 244.7)	105.09(45.24, 244.11)	554.6	6.56(5.43)	94.32(46.51)						
forced vital capacity decreased	6	9.86(4.41, 22.05)	9.86(4.41, 22.02)	47.28	3.29(2.21)	9.77(4.98)						
antidepressant drug level above therapeutic	4	16.19(6.02, 43.52)	16.19(6.08, 43.14)	56.02	3.99(2.72)	15.93(6.96)						
glomerular filtration rate increased	4	5.24(1.96, 14.01)	5.24(1.97, 13.96)	13.65	2.38(1.11)	5.22(2.29)						
corneal reflex decreased	3	8.01(2.57, 24.97)	8.01(2.57, 24.97)	18.25	2.99(1.57)	7.95(3.07)						
oxygen saturation	3	11.15(3.57, 34.82)	11.15(3.58, 34.75)	27.39	3.46(2.04)	11.03(4.25)						
chest expansion decreased	3	30.7(9.72, 97.02)	30.7(9.66, 97.58)	83.39	4.89(3.45)	29.73(11.35)						
analgesic drug level	3	151.8(44.7, 515.37)	151.8(45.0, 511.71)	385.21	7.03(5.49)	130.25(46.84)						
antasthmatic drug level	3	683.12(152.88, 3052.33)	683.08(154.01, 3029.68)	1167.57	8.61(6.88)	390.76(111.67)						
breath sounds absent	3	27.88(8.84, 87.95)	27.88(8.77, 88.62)	75.44	4.76(3.32)	27.08(10.36)						
inspiratory capacity decreased	3	12.89(4.12, 40.29)	12.89(4.14, 40.18)	32.44	3.67(2.24)	12.72(4.9)						
unresponsive to stimuli	246	9.82(8.66, 11.14)	9.79(8.7, 11.01)	1921.01	3.28(3.1)	9.69(8.72)	300	7.65(6.83, 8.58)	7.63(6.78, 8.58)	1707.3	2.92(2.75)	7.55(6.86)
sedation	146	6.05(5.14, 7.12)	6.04(5.16, 7.07)	609.62	2.59(2.35)	6(5.24)	241	6.4(5.63, 7.26)	6.38(5.67, 7.18)	1082.7	2.66(2.48)	6.32(5.69)
depressed level of consciousness	137	3.46(2.93, 4.1)	3.46(2.9, 4.13)	238.46	1.79(1.54)	3.45(3)	370	6.01(5.43, 6.66)	5.99(5.43, 6.61)	1524.9	2.57(2.42)	5.94(5.45)
hyperaesthesia	89	10.54(8.55, 13)	10.53(8.49, 13.06)	758.83	3.38(3.08)	10.42(8.75)	95	7.18(5.87, 8.79)	7.17(5.89, 8.72)	498.77	2.83(2.54)	7.1(5.99)
myoclonus	58	4.9(3.79, 6.35)	4.9(3.8, 6.32)	179.12	2.29(1.92)	4.88(3.93)	150	8.17(6.95, 9.6)	8.15(6.97, 9.53)	928.69	3.01(2.78)	8.06(7.04)
brain injury	30	3.01(2.11, 4.31)	3.01(2.12, 4.28)	40.21	1.59(1.08)	3.01(2.23)	58	3.73(2.88, 4.83)	3.73(2.89, 4.81)	115.01	1.89(1.52)	3.71(2.99)
stupor	24	7.26(4.86, 10.86)	7.26(4.91, 10.74)	128.57	2.85(2.28)	7.21(5.15)	36	6.98(5.02, 9.7)	6.98(5, 9.74)	182.15	2.79(2.32)	6.91(5.25)
incoherent	23	3.47(2.3, 5.22)	3.47(2.3, 5.24)	40.24	1.79(1.21)	3.46(2.45)	44	4.25(3.16, 5.72)	4.25(3.17, 5.7)	108.43	2.08(1.66)	4.22(3.29)

psychomotor skills impaired	23	8.64(5.73, 13.02)	8.63(5.72, 13.02)	153.81	3.1(2.52)	8.56(6.07)	53	12.86(9.79, 16.88)	12.85(9.77, 16.91)	566.78	3.65(3.27)	12.6(10.03)
judgement impaired	19	12.5(7.95, 19.66)	12.49(7.96, 19.6)	198.2	3.63(2.99)	12.34(8.45)	30	12.69(8.84, 18.22)	12.69(8.92, 18.06)	316.05	3.64(3.12)	12.44(9.19)
radiculopathy	10	3.75(2.02, 6.98)	3.75(2, 7.02)	20.11	1.9(1.05)	3.74(2.22)						
complex regional pain syndrome	8	5.15(2.57, 10.33)	5.15(2.59, 10.23)	26.63	2.36(1.41)	5.13(2.87)	9	3.7(1.92, 7.13)	3.7(1.94, 7.06)	17.63	1.88(0.98)	3.68(2.13)
allodynia	7	7.86(3.74, 16.55)	7.86(3.73, 16.55)	41.56	2.96(1.96)	7.8(4.19)	24	17.57(11.7, 26.37)	17.56(11.6, 26.5)	363.87	4.09(3.52)	17.08(12.16)
drug withdrawal convulsions	7	3.85(1.83, 8.08)	3.85(1.83, 8.11)	14.69	1.94(0.94)	3.84(2.06)						
hyporesponsive to stimuli	7	6.68(3.17, 14.04)	6.68(3.17, 14.07)	33.53	2.73(1.73)	6.63(3.56)						
toxic leukoencephalopathy	7	10.38(4.93, 21.88)	10.38(4.93, 21.86)	58.69	3.36(2.36)	10.28(5.51)	26	25.4(17.15, 37.61)	25.39(17.1, 37.58)	583.64	4.61(4.05)	24.37(17.54)
sleep deficit	7	4.11(1.96, 8.63)	4.11(1.95, 8.66)	16.39	2.03(1.03)	4.09(2.2)						
hypertensive encephalopathy	5	8.28(3.43, 19.97)	8.28(3.43, 20)	31.71	3.04(1.88)	8.21(3.93)						
arachnoiditis	4	5.65(2.11, 15.1)	5.65(2.12, 15.05)	15.21	2.49(1.22)	5.62(2.47)	8	7.25(3.61, 14.56)	7.25(3.58, 14.68)	42.58	2.84(1.89)	7.17(4)
medication overuse headache	4	4.8(1.8, 12.82)	4.8(1.8, 12.79)	11.97	2.26(0.99)	4.78(2.1)						
pseudostroke	4	18.04(6.7, 48.52)	18.04(6.77, 48.07)	63.11	4.15(2.87)	17.7(7.73)						
chanter syndrome	4	75.9(27.37, 210.5)	75.9(27.39, 210.32)	272.9	6.13(4.81)	70.14(29.87)						
retrograde amnesia	3	6.07(1.95, 18.9)	6.07(1.95, 18.92)	12.63	2.59(1.17)	6.04(2.34)	5	6.48(2.69, 15.66)	6.48(2.68, 15.65)	22.94	2.68(1.52)	6.42(3.07)
reversible ischaemic neurological deficit	3	24.84(7.89, 78.21)	24.84(7.82, 78.95)	66.82	4.6(3.16)	24.21(9.27)						
central pain syndrome	3	12.89(4.12, 40.29)	12.89(4.14, 40.18)	32.44	3.67(2.24)	12.72(4.9)						
overdose	3212	15.51(14.9, 6, 16.07)	14.71(14.1, 4, 15.3)	40547.74	3.86(3.81)	14.49(14.07)	2402	7.15(6.87, 7.45)	6.99(6.72, 7.27)	12228.61	2.79(2.73)	6.92(6.69)
foetal exposure during pregnancy	566	7.16(6.59, 7.78)	7.1(6.56, 7.68)	2946.42	2.82(2.7)	7.05(6.58)						
maternal exposure during pregnancy	265	3.24(2.87, 3.65)	3.23(2.87, 3.63)	406.21	1.69(1.51)	3.22(2.91)						
accidental overdose	134	3.89(3.28, 4.61)	3.88(3.25, 4.63)	285.85	1.95(1.71)	3.87(3.36)	497	9.34(8.55, 10.21)	9.3(8.43, 10.26)	3623.83	3.2(3.07)	9.17(8.51)

incorrect route of product administration	47	3.11(2.34, 4.15)	3.11(2.32, 4.17)	67.13	1.63(1.23)	3.1(2.44)						
alcohol poisoning	28	10.68(7.36, 15.5)	10.67(7.35, 15.48)	242.68	3.4(2.87)	10.56(7.73)	25	6.07(4.1, 9.01)	6.07(4.1, 8.98)	104.84	2.59(2.03)	6.02(4.33)
exposure to toxic agent	24	9.18(6.14, 13.73)	9.18(6.08, 13.85)	173.21	3.19(2.62)	9.1(6.5)	96	24.18(19.71, 29.66)	24.16(19.86, 29.39)	2046.04	4.54(4.25)	23.23(19.58)
postoperative ileus	15	27.11(16.22, 45.31)	27.11(16.22, 45.13)	366.25	4.72(4)	26.35(17.15)						
exposure via father	13	9.12(5.28, 15.74)	9.11(5.26, 15.77)	92.99	3.18(2.42)	9.03(5.72)						
labelled drug-drug interaction issue	11	10.77(5.95, 19.52)	10.77(5.98, 19.39)	96.38	3.41(2.59)	10.66(6.48)						
anaesthetic complication neurological	10	15.01(8.03, 28.04)	15(8.01, 28.09)	128.59	3.89(3.03)	14.78(8.76)						
sedation complication	9	3.86(2.01, 7.43)	3.86(2.02, 7.37)	19	1.94(1.05)	3.85(2.23)	62	17.41(13.53, 22.42)	17.4(13.49, 22.45)	930.68	4.08(3.72)	16.93(13.7)
product name confusion	8	6.5(3.24, 13.03)	6.5(3.27, 12.91)	36.97	2.69(1.75)	6.46(3.61)						
decompression sickness	6	130.12(55.31, 306.11)	130.11(54.93, 308.21)	672.62	6.83(5.69)	113.97(55.71)						
documented hypersensitivity to administered product	4	5.09(1.9, 13.6)	5.09(1.91, 13.56)	13.07	2.34(1.07)	5.07(2.23)	11	9.02(4.97, 16.35)	9.01(5, 16.22)	77.18	3.15(2.33)	8.89(5.4)
ocular procedural complication	4	23.51(8.71, 63.42)	23.5(8.65, 63.85)	84.02	4.52(3.24)	22.94(10)						
post-traumatic pain	4	8.04(3.01, 21.52)	8.04(3.02, 21.42)	24.45	3(1.72)	7.98(3.5)						
post procedural discharge	4	5.9(2.21, 15.76)	5.89(2.21, 15.69)	16.15	2.55(1.28)	5.86(2.58)						
paternal exposure timing unspecified	4	14.52(5.41, 38.98)	14.51(5.45, 38.66)	49.54	3.84(2.56)	14.3(6.26)						
spinal shock	3	47.11(14.76, 150.36)	47.11(14.82, 149.74)	128.73	5.49(4.03)	44.84(16.98)						
stab wound	3	8.57(2.75, 26.7)	8.57(2.75, 26.71)	19.86	3.09(1.66)	8.49(3.28)	3	5.46(1.75, 17.03)	5.46(1.75, 17.02)	10.84	2.44(1.02)	5.42(2.09)
exposure via partner	3	5.67(1.82, 17.64)	5.67(1.82, 17.67)	11.46	2.5(1.08)	5.64(2.18)						
vascular access site thrombosis	3	75.9(23.37, 246.48)	75.9(23.42, 246.02)	204.68	6.13(4.65)	70.14(26.18)						
transfusion-related acute lung injury	3	10.59(3.39, 33.06)	10.59(3.4, 33.01)	25.76	3.39(1.96)	10.48(4.04)						
febrile nonhaemolytic transfusion reaction	3	18.72(5.97, 58.71)	18.71(6, 58.31)	49.29	4.2(2.77)	18.36(7.05)						

pain	3903	6.7(6.49, 6.93)	6.32(6.08, 6.57)	17560.5	2.65(2.61)	6.29(6.12)							
drug withdrawal syndrome	2340	26.49(25.41, 27.63)	25.47(24.49, 26.49)	53609.21	4.63(4.57)	24.81(23.95)	1582	11.06(10.52, 11.63)	10.89(10.27, 11.55)	13966.97	3.42(3.35)	10.71(10.27)	
drug withdrawal syndrome neonatal	554	36.33(33.36, 39.56)	35.99(33.28, 38.93)	18135.34	5.12(4.99)	34.66(32.27)	213	8.64(7.54, 9.89)	8.62(7.51, 9.89)	1413.8	3.09(2.89)	8.51(7.6)	
developmental delay	352	37.93(34.09, 42.22)	37.71(34.19, 41.59)	12081.9	5.18(5.03)	36.25(33.15)	121	8.06(6.74, 9.65)	8.05(6.75, 9.6)	737.13	2.99(2.73)	7.95(6.85)	
withdrawal syndrome	172	4.06(3.5, 4.72)	4.05(3.46, 4.74)	394.18	2.01(1.8)	4.04(3.56)	288	4.35(3.88, 4.89)	4.34(3.86, 4.88)	736.11	2.11(1.94)	4.32(3.92)	
inadequate analgesia	103	11.73(9.66, 14.25)	11.71(9.63, 14.25)	996.43	3.53(3.25)	11.58(9.84)	196	14.41(12.51, 16.61)	14.38(12.54, 16.49)	2382.31	3.81(3.61)	14.06(12.49)	
drug tolerance	60	12(9.3, 15.48)	11.99(9.29, 15.47)	596.4	3.57(3.2)	11.84(9.57)	81	10.38(8.33, 12.93)	10.37(8.36, 12.87)	673.87	3.35(3.04)	10.21(8.49)	
accidental death	35	18.44(13.19, 25.77)	18.43(13.21, 25.72)	565.39	4.18(3.7)	18.08(13.66)	52	17.65(13.39, 23.26)	17.64(13.41, 23.21)	792.08	4.1(3.71)	17.15(13.61)	
granuloma	21	6.15(4, 9.45)	6.15(4, 9.47)	89.96	2.61(2.01)	6.12(4.27)	28	5.24(3.61, 7.61)	5.24(3.61, 7.6)	95.29	2.38(1.85)	5.2(3.81)	
breakthrough pain	16	6.61(4.04, 10.81)	6.61(4.05, 10.79)	75.62	2.72(2.03)	6.57(4.35)	34	9.04(6.44, 12.68)	9.03(6.47, 12.6)	239.17	3.16(2.67)	8.91(6.71)	
temperature regulation disorder	16	8.06(4.93, 13.19)	8.06(4.94, 13.16)	98.08	3(2.31)	8(5.3)							
drug tolerance increased	14	17.28(10.18, 29.33)	17.28(10.18, 29.33)	210.7	4.09(3.35)	16.97(10.9)	21	16.69(10.82, 25.76)	16.69(10.84, 25.69)	301.13	4.02(3.41)	16.25(11.31)	
foreign body reaction	7	28.72(13.53, 60.95)	28.72(13.64, 60.48)	181.55	4.8(3.78)	27.87(14.85)							
fat tissue decreased	5	14.14(5.85, 34.21)	14.14(5.85, 34.16)	60.13	3.8(2.64)	13.94(6.66)							
therapeutic product effect increased	5	4.64(1.93, 11.18)	4.64(1.92, 11.21)	14.22	2.21(1.05)	4.62(2.22)							
feeling of relaxation	5	7.01(2.91, 16.89)	7.01(2.9, 16.93)	25.55	2.8(1.64)	6.96(3.33)							
administration site bruise	4	13.06(4.87, 35.04)	13.06(4.9, 34.8)	43.91	3.69(2.41)	12.89(5.64)							
administration site swelling	4	12.56(4.68, 33.7)	12.56(4.71, 33.47)	41.99	3.63(2.36)	12.41(5.43)							
administration site erythema	3	11.29(3.62, 35.26)	11.29(3.62, 35.19)	27.79	3.48(2.06)	11.16(4.31)	4	9.64(3.59, 25.91)	9.64(3.62, 25.69)	30.48	3.25(1.97)	9.5(4.16)	
respiratory depression	191	15.73(13.63, 18.15)	15.68(13.67, 17.99)	2580.73	3.95(3.74)	15.43(13.69)	452	24.35(22.16, 26.76)	24.24(21.98, 26.74)	9669.02	4.54(4.41)	23.31(21.54)	
respiratory arrest	153	5.33(4.54, 6.25)	5.32(4.55, 6.22)	533.28	2.4(2.17)	5.29(4.63)	426	9.58(8.7, 10.55)	9.54(8.65, 10.52)	3206.38	3.23(3.09)	9.4(8.68)	

apnoea	64	8.07(6.31, 10.32)	8.06(6.25, 10.4)	392.43	3(2.65)	8(6.51)	134	10.89(9.18, 12.92)	10.87(9.11, 12.97)	1179.3	3.42(3.17)	10.69(9.27)
hypopnoea	24	7.23(4.84, 10.81)	7.23(4.89, 10.7)	127.85	2.84(2.28)	7.18(5.13)	31	5.97(4.19, 8.51)	5.97(4.2, 8.5)	127.02	2.57(2.06)	5.92(4.4)
respiratory acidosis	22	5.72(3.76, 8.7)	5.72(3.79, 8.63)	85.16	2.51(1.92)	5.69(4.01)	54	9.04(6.91, 11.83)	9.04(6.87, 11.89)	380.2	3.16(2.77)	8.92(7.12)
hypercapnia	19	6.45(4.11, 10.13)	6.45(4.11, 10.12)	86.88	2.68(2.05)	6.41(4.39)	42	9.18(6.77, 12.45)	9.17(6.7, 12.55)	301.14	3.18(2.74)	9.05(7.01)
snoring	18	4.73(2.98, 7.52)	4.73(2.96, 7.57)	52.72	2.24(1.59)	4.71(3.2)	27	4.54(3.11, 6.63)	4.54(3.13, 6.59)	73.97	2.17(1.64)	4.51(3.29)
hypoventilation	15	4.46(2.69, 7.41)	4.46(2.68, 7.42)	40.05	2.15(1.44)	4.44(2.91)	46	8.82(6.59, 11.8)	8.81(6.57, 11.82)	313.83	3.12(2.7)	8.7(6.81)
apnoeic attack	15	26.23(15.7, 43.83)	26.22(15.7, 43.65)	353.72	4.67(3.96)	25.52(16.61)	6	6.58(2.94, 14.71)	6.58(2.95, 14.7)	28.06	2.7(1.63)	6.52(3.32)
bradypnoea	11	4.34(2.4, 7.85)	4.34(2.41, 7.81)	28.13	2.11(1.29)	4.32(2.63)	64	16.49(12.8, 21.15)	16.48(12.7, 21.26)	905.14	4.01(3.65)	16.06(13.04)
diaphragmatic paralysis	7	11.76(5.58, 24.8)	11.76(5.58, 24.77)	68.06	3.54(2.53)	11.63(6.23)						
pulmonary granuloma	5	4.32(1.79, 10.39)	4.32(1.79, 10.44)	12.68	2.1(0.95)	4.3(2.06)						
pulmonary vascular disorder	4	7.95(2.97, 21.29)	7.95(2.98, 21.18)	24.11	2.98(1.71)	7.89(3.46)						
chylothorax	4	6.04(2.26, 16.15)	6.04(2.27, 16.09)	16.72	2.59(1.32)	6.01(2.64)						
pleural adhesion	3	14.31(4.57, 44.75)	14.31(4.59, 44.6)	36.55	3.82(2.39)	14.1(5.43)						
neonatal respiratory acidosis	3	18.59(5.93, 58.3)	18.59(5.96, 57.94)	48.92	4.19(2.76)	18.24(7.01)						
oxygen therapy	13	9.2(5.33, 15.89)	9.2(5.31, 15.93)	94.06	3.19(2.43)	9.12(5.77)						
resuscitation	8	4.7(2.35, 9.41)	4.7(2.37, 9.33)	23.17	2.23(1.28)	4.68(2.62)						
life support	7	11.68(5.54, 24.61)	11.68(5.55, 24.6)	67.47	3.53(2.52)	11.54(6.18)						
intensive care	7	5.72(2.72, 12.02)	5.72(2.72, 12.05)	27.08	2.51(1.5)	5.69(3.05)						
fluid replacement	6	17.08(7.62, 38.3)	17.08(7.65, 38.15)	89.14	4.07(2.99)	16.78(8.54)						
drug detoxification	6	6.51(2.91, 14.52)	6.51(2.91, 14.54)	27.76	2.69(1.62)	6.47(3.3)						
analgesic therapy	6	28.61(12.6, 64.49)	28.61(12.8, 63.9)	155.01	4.8(3.71)	27.77(14.07)						

spinal laminectomy	5	5.19(2.15, 12.49)	5.19(2.15, 12.54)	16.8	2.37(1.21)	5.16(2.47)						
therapeutic embolisation	4	12.48(4.65, 33.47)	12.48(4.68, 33.25)	41.66	3.62(2.35)	12.32(5.4)						
rest regimen	4	151.81(52.67, 437.53)	151.8(52.68, 437.45)	513.61	7.03(5.66)	130.25(53.72)						
drug therapy	4	18.22(6.77, 49.01)	18.22(6.84, 48.55)	63.81	4.16(2.88)	17.88(7.81)						
coccygectomy	3	248.41(69.3, 890.44)	248.39(69.48, 888.03)	580.79	7.61(6.02)	195.38(67.14)						
palliative sedation	3	151.8(44.71, 515.37)	151.8(45.03, 511.71)	385.21	7.03(5.49)	130.25(46.84)						
sleep disorder therapy	3	26.79(8.5, 84.45)	26.79(8.43, 85.15)	72.35	4.7(3.26)	26.05(9.97)						
pneumonia aspiration	77	3.13(2.5, 3.91)	3.12(2.51, 3.87)	110.78	1.64(1.32)	3.12(2.58)	136	3.53(2.98, 4.18)	3.53(2.96, 4.21)	244.96	1.81(1.57)	3.51(3.05)
hepatitis c	52	4.05(3.08, 5.31)	4.04(3.07, 5.32)	118.57	2.01(1.62)	4.03(3.21)						
systemic infection	8	4.69(2.34, 9.39)	4.69(2.36, 9.31)	23.07	2.22(1.28)	4.67(2.61)						
extradural abscess	7	9.04(4.3, 19.04)	9.04(4.29, 19.04)	49.58	3.16(2.16)	8.96(4.81)						
spinal cord infection	7	11.29(5.36, 23.78)	11.28(5.36, 23.76)	64.81	3.48(2.47)	11.16(5.98)						
lower respiratory tract infection viral	6	12.95(5.79, 28.99)	12.95(5.8, 28.92)	65.23	3.68(2.6)	12.78(6.51)	5	6.87(2.84, 16.59)	6.87(2.84, 16.6)	24.77	2.77(1.6)	6.8(3.25)
human immunodeficiency virus transmission	4	15.91(5.92, 42.76)	15.91(5.97, 42.39)	54.93	3.97(2.69)	15.65(6.84)						
endometritis	4	6.13(2.29, 16.4)	6.13(2.3, 16.33)	17.07	2.61(1.34)	6.1(2.68)						
respiratory tract infection bacterial	3	5.94(1.91, 18.49)	5.94(1.91, 18.51)	12.24	2.56(1.14)	5.91(2.28)						
vascular access site infection	3	35.95(11.34, 113.97)	35.95(11.31, 114.27)	98.07	5.11(3.66)	34.62(13.19)						
congenital anomaly	58	7.49(5.79, 9.71)	7.49(5.81, 9.66)	323.41	2.89(2.52)	7.43(5.99)						
spina bifida	24	10.84(7.25, 16.21)	10.84(7.18, 16.36)	211.8	3.42(2.85)	10.72(7.66)						
multiple congenital abnormalities	9	5.85(3.04, 11.26)	5.85(3.06, 11.17)	35.93	2.54(1.64)	5.82(3.36)						
hypermobility syndrome	6	12.51(5.59, 27.99)	12.5(5.6, 27.92)	62.65	3.63(2.55)	12.35(6.29)						

congenital choroid plexus cyst	4	12.61(4.7, 33.82)	12.61(4.73, 33.6)	42.16	3.64(2.36)	12.45(5.45)							
congenital hydronephrosis	4	5.6(2.09, 14.96)	5.6(2.1, 14.92)	15.01	2.48(1.21)	5.57(2.45)							
congenital megaureter	4	20.7(7.68, 55.77)	20.7(7.62, 56.25)	73.32	4.34(3.06)	20.26(8.84)							
kidney duplex	4	17.77(6.61, 47.81)	17.77(6.67, 47.35)	62.1	4.13(2.85)	17.45(7.62)							
congenital hearing disorder	4	25.13(9.3, 67.86)	25.12(9.24, 68.26)	90.17	4.61(3.33)	24.48(10.66)							
faecaloma	19	3.68(2.34, 5.77)	3.68(2.34, 5.78)	36.87	1.87(1.24)	3.67(2.51)	33	4.09(2.9, 5.76)	4.09(2.93, 5.71)	76.37	2.02(1.54)	4.06(3.05)	
appendicolith	10	31.96(17.01, 60.05)	31.96(17.07, 59.84)	289.72	4.95(4.08)	30.91(18.23)							
subileus	9	4.18(2.17, 8.06)	4.18(2.19, 7.98)	21.71	2.06(1.16)	4.17(2.41)							
gastrointestinal tract irritation	9	8.51(4.42, 16.41)	8.51(4.46, 16.25)	59.11	3.08(2.18)	8.44(4.87)							
abdominal compartment syndrome	9	15.47(8, 29.9)	15.47(7.94, 30.12)	119.74	3.93(3.03)	15.22(8.77)							
narcotic bowel syndrome	8	51.32(25.17, 104.62)	51.31(25.34, 103.91)	373.6	5.6(4.63)	48.63(26.8)	8	32.74(16.06, 66.73)	32.73(16.16, 66.28)	232.99	4.96(3.99)	31.04(17.1)	
intestinal pseudo-obstruction	7	9.35(4.44, 19.69)	9.35(4.44, 19.69)	51.66	3.21(2.21)	9.26(4.97)	11	9.43(5.2, 17.11)	9.43(5.24, 16.98)	81.54	3.22(2.39)	9.29(5.64)	
faecal vomiting	3	6.17(1.98, 19.2)	6.17(1.98, 19.23)	12.9	2.62(1.2)	6.13(2.37)							
needle track marks	5	14.88(6.15, 36.02)	14.88(6.16, 35.95)	63.71	3.87(2.71)	14.66(7)	8	15.34(7.6, 30.96)	15.34(7.58, 31.06)	104.49	3.9(2.95)	14.97(8.32)	
pruritus allergic	5	4.34(1.8, 10.44)	4.34(1.8, 10.48)	12.78	2.11(0.95)	4.32(2.07)	14	7.81(4.61, 13.24)	7.81(4.6, 13.26)	82.08	2.95(2.21)	7.72(4.97)	
adiposis dolorosa	5	116.78(46.03, 296.29)	116.77(46.48, 293.36)	508.66	6.7(5.47)	103.61(47.54)							
urticaria thermal	4	28.46(10.5, 77)	28.46(10.47, 77.33)	102.78	4.79(3.5)	27.63(12.01)							
generalised bullous fixed drug eruption	4	17.86(6.64, 48.04)	17.86(6.7, 47.59)	62.43	4.13(2.85)	17.53(7.66)							
skin ulcer haemorrhage	3	7.78(2.5, 24.26)	7.78(2.5, 24.25)	17.59	2.95(1.53)	7.73(2.99)							
malignant cranial nerve neoplasm	4	165.61(57.07, 480.59)	165.6(57.46, 477.22)	553.73	7.13(5.76)	140.27(57.52)							
retro-orbital neoplasm	4	74.35(26.83, 206.04)	74.35(26.83, 206.02)	267.6	6.1(4.78)	68.81(29.33)							

neuroblastoma recurrent	3	16.66(5.32, 52.2)	16.66(5.35, 51.93)	43.37	4.03(2.6)	16.38(6.3)						
brain stem glioma	3	19.8(6.31, 62.15)	19.8(6.35, 61.71)	52.41	4.28(2.84)	19.4(7.45)						
costochondritis	12	7.34(4.16, 12.95)	7.34(4.16, 12.96)	65.13	2.86(2.08)	7.28(4.53)						
dupuytren's contracture	5	5.71(2.37, 13.75)	5.71(2.36, 13.79)	19.29	2.51(1.35)	5.68(2.72)						
intervertebral disc compression	5	4.7(1.95, 11.33)	4.7(1.95, 11.35)	14.51	2.23(1.07)	4.69(2.25)						
rib deformity	3	11.58(3.71, 36.16)	11.58(3.72, 36.09)	28.63	3.52(2.09)	11.44(4.41)						
drug hypersensitivity	654	3.35(3.1, 3.62)	3.33(3.08, 3.6)	1063.71	1.73(1.62)	3.32(3.11)	7364	26.9(26.26, 27.56)	24.82(24.34, 25.31)	162013.95	4.58(4.54)	23.85(23.37)
reaction to excipient	9	4.1(2.13, 7.89)	4.1(2.15, 7.83)	20.99	2.03(1.13)	4.08(2.36)						
secondary amyloidosis	3	21.02(6.69, 66.03)	21.02(6.74, 65.51)	55.91	4.36(2.93)	20.57(7.89)						
allergy to metals	3	5.24(1.69, 16.32)	5.24(1.68, 16.33)	10.25	2.38(0.96)	5.22(2.02)						
miosis	52	6.82(5.19, 8.97)	6.82(5.18, 8.97)	256.35	2.76(2.37)	6.78(5.39)	235	20.24(17.77, 23.06)	20.19(17.6, 23.16)	4143.35	4.29(4.1)	19.55(17.53)
vision abnormal neonatal	35	83.28(58.91, 117.73)	83.23(58.49, 118.44)	2605.4	6.25(5.76)	76.34(57.14)	19	27.67(17.46, 43.85)	27.67(17.63, 43.43)	466.17	4.73(4.08)	26.46(18)
orbital oedema	4	7.8(2.92, 20.87)	7.8(2.93, 20.78)	23.52	2.95(1.68)	7.74(3.4)						
hypoesthesia eye	4	7.09(2.65, 18.96)	7.09(2.66, 18.89)	20.75	2.82(1.55)	7.04(3.09)						
vein collapse	8	10.88(5.42, 21.84)	10.87(5.37, 22.01)	70.89	3.43(2.48)	10.76(6)						
foreign body embolism	7	277.23(118.95, .95)	277.19(119.33, .33)	1476.89	7.73(6.61)	212.75(104.81)						
arterial insufficiency	3	15.01(4.8, 46.99)	15.01(4.82, 46.78)	38.6	3.89(2.46)	14.79(5.69)						
vaginal flatulence	6	21.18(9.43, 47.59)	21.18(9.48, 47.31)	112.75	4.37(3.29)	20.72(10.53)	5	11.22(4.63, 27.18)	11.22(4.64, 27.1)	45.65	3.46(2.3)	11.02(5.26)
adnexal torsion	3	10.27(3.29, 32.06)	10.27(3.3, 32.01)	24.83	3.35(1.92)	10.17(3.92)						
urinary tract discomfort	4	9.39(3.51, 25.15)	9.39(3.52, 25.02)	29.68	3.22(1.95)	9.3(4.08)						
renal artery thrombosis	3	10.08(3.23, 31.46)	10.08(3.23, 31.42)	24.28	3.32(1.9)	9.98(3.85)						

weight decrease neonatal	4	19.91(7.39, 53.62)	19.91(7.33, 54.1)	70.3	4.29(3)	19.5(8.51)				
protein deficiency	4	13.59(5.06, 36.49)	13.59(5.1, 36.21)	45.98	3.75(2.47)	13.41(5.87)				
congestive hepatopathy	3	7.61(2.44, 23.71)	7.61(2.44, 23.72)	17.08	2.92(1.5)	7.56(2.92)				
carcinoid syndrome	3	8.06(2.59, 25.12)	8.06(2.59, 25.12)	18.39	3(1.58)	8(3.09)				
neonatal hypoacusis	21	91.11(58.17, 142.7)	91.08(58.03, 142.96)	1700.79	6.37(5.74)	82.89(56.95)	5	12.85(5.3, 31.19)	12.85(5.32, 31.04)	53.48 3.66(2.49) 12.6(6)
cardiac ventricular disorder	3	7.13(2.29, 22.22)	7.13(2.29, 22.22)	15.7	2.83(1.4)	7.09(2.74)				
hypersplenism	5	10.19(4.22, 24.6)	10.19(4.22, 24.62)	40.97	3.33(2.17)	10.09(4.82)				
drug screen positive							135	11.29(9.52, 13.38)	11.27(9.45, 13.44)	1239.73 3.47(3.22) 11.08(9.6)
blood pressure systolic increased							112	3.66(3.04, 4.4)	3.65(3.06, 4.35)	214.62 1.86(1.6) 3.64(3.11)
body temperature decreased							69	4.36(3.44, 5.52)	4.36(3.45, 5.52)	177.09 2.11(1.78) 4.33(3.55)
blood pressure diastolic decreased							55	4.66(3.57, 6.07)	4.66(3.54, 6.13)	156.64 2.21(1.83) 4.63(3.71)
product residue present							44	5.86(4.35, 7.88)	5.85(4.36, 7.85)	175.34 2.54(2.11) 5.81(4.53)
blood pressure diastolic increased							31	4.33(3.04, 6.17)	4.33(3.04, 6.16)	78.89 2.11(1.61) 4.31(3.21)
creatinine renal clearance decreased							25	3.77(2.55, 5.59)	3.77(2.55, 5.58)	50.64 1.91(1.35) 3.76(2.7)
blood pressure systolic decreased							23	3.27(2.17, 4.92)	3.27(2.17, 4.94)	35.96 1.7(1.12) 3.25(2.31)
foetal non-stress test abnormal							21	329.84(193.07, .07,	329.77(194.26, .26,	4390.98 7.72(7.01) 210.73(134.62)
electroencephalogram abnormal							18	3.52(2.22, 5.6)	3.52(2.2, 5.63)	32.3 1.81(1.16) 3.51(2.38)
blood bicarbonate decreased							17	5.7(3.53, 9.19)	5.7(3.56, 9.12)	65.18 2.5(1.83) 5.65(3.79)
drug screen false positive							16	3.47(2.13, 5.68)	3.47(2.13, 5.66)	28.02 1.79(1.1) 3.46(2.29)
blood creatine phosphokinase mb increased							13	5.99(3.47, 10.34)	5.99(3.46, 10.37)	53.43 2.57(1.81) 5.93(3.76)
blood alcohol increased							12	9.19(5.19, 16.25)	9.19(5.21, 16.22)	86.18 3.18(2.39) 9.06(5.62)

blood ph increased	9	9.83(5.09, 19)	9.83(5.05, 19.14)	70.19	3.28(2.37)	9.68(5.58)
electrocardiogram st segment abnormal	9	7.13(3.7, 13.77)	7.13(3.66, 13.88)	46.89	2.82(1.92)	7.06(4.07)
foetal heart rate abnormal	9	6.09(3.16, 11.74)	6.09(3.13, 11.86)	37.87	2.59(1.69)	6.03(3.48)
transcranial electrical motor evoked potential monitoring abnormal	8	309.9(131.39, 730.96)	309.88(130.82, 734.06)	1606.32	7.66(6.56)	202.44(98.73)
anti-cyclic citrullinated peptide antibody	8	9.35(4.65, 18.81)	9.35(4.62, 18.93)	58.73	3.2(2.25)	9.22(5.14)
pco2 decreased	7	4.28(2.03, 9)	4.28(2.03, 9.01)	17.45	2.09(1.08)	4.25(2.28)
neurological examination abnormal	6	7.98(3.56, 17.86)	7.98(3.57, 17.82)	36.12	2.98(1.9)	7.88(4.02)
blood albumin increased	6	4.28(1.92, 9.56)	4.28(1.92, 9.56)	14.99	2.09(1.02)	4.26(2.17)
blood ethanol increased	5	14.38(5.92, 34.93)	14.38(5.95, 34.74)	60.75	3.81(2.64)	14.06(6.69)
analgesic drug level above therapeutic drug level	5	22.01(9.01, 53.76)	22.01(8.93, 54.22)	96.61	4.41(3.23)	21.24(10.06)
po2 abnormal	5	50.97(20.43, 127.16)	50.97(20.29, 128.05)	225.18	5.55(4.34)	46.94(21.84)
blood bicarbonate increased	4	47.43(17.12, 131.44)	47.43(17.12, 131.43)	168.08	5.46(4.14)	43.93(18.72)
grip strength	4	5.09(1.9, 13.61)	5.09(1.91, 13.56)	13.01	2.34(1.06)	5.05(2.22)
electrocardiogram pr shortened	4	14.17(5.26, 38.21)	14.17(5.21, 38.5)	47.8	3.79(2.51)	13.86(6.04)
pco2 abnormal	3	9.27(2.96, 29.01)	9.27(2.97, 28.89)	21.79	3.19(1.76)	9.14(3.52)
band neutrophil count increased	3	37.09(11.54, 119.16)	37.09(11.44, 120.22)	99.02	5.13(3.66)	34.92(13.15)
benzodiazepine drug level increased	3	9.27(2.96, 29.01)	9.27(2.97, 28.89)	21.79	3.19(1.76)	9.14(3.52)
somnolence	3	21.79(6.88, 69)	21.79(6.86, 69.26)	57.35	4.39(2.95)	21.04(8.02)
coma	948	3.06(2.87, 3.26)	3.04(2.87, 3.22)	1291.38	1.6(1.5)	3.02(2.87)
	444	6.01(5.47, 6.6)	5.99(5.43, 6.61)	1826.81	2.57(2.43)	5.94(5.49)

lethargy	299	3.32(2.96, 3.72)	3.31(2.94, 3.72)	480.13	1.72(1.56)	3.3(3)
brain oedema	89	4.58(3.72, 5.64)	4.58(3.69, 5.68)	246.77	2.19(1.89)	4.55(3.82)
leukoencephalopathy	38	6.44(4.67, 8.86)	6.43(4.7, 8.8)	172.47	2.67(2.22)	6.37(4.88)
areflexia	32	7.53(5.31, 10.68)	7.53(5.29, 10.72)	178.91	2.9(2.4)	7.45(5.56)
hypoxic-ischaemic encephalopathy	30	7.43(5.18, 10.65)	7.43(5.22, 10.57)	164.74	2.88(2.37)	7.35(5.43)
cerebrospinal fluid leakage	29	10.56(7.31, 15.25)	10.56(7.28, 15.32)	246.44	3.38(2.86)	10.39(7.64)
spinal cord compression	28	4.52(3.12, 6.56)	4.52(3.11, 6.56)	76.21	2.17(1.64)	4.49(3.29)
hyperreflexia	21	3.73(2.43, 5.73)	3.73(2.42, 5.74)	41.7	1.89(1.29)	3.71(2.59)
paraplegia	17	3.79(2.35, 6.1)	3.79(2.37, 6.07)	34.65	1.91(1.25)	3.77(2.53)
brain hypoxia	13	8.2(4.74, 14.18)	8.2(4.74, 14.2)	81.06	3.02(2.26)	8.1(5.12)
paraparesis	12	4.24(2.41, 7.49)	4.24(2.4, 7.49)	29.54	2.08(1.29)	4.22(2.62)
consciousness fluctuating	10	6.45(3.46, 12.03)	6.45(3.44, 12.08)	45.53	2.68(1.82)	6.39(3.79)
slow response to stimuli	9	4.58(2.38, 8.82)	4.58(2.4, 8.75)	24.98	2.19(1.29)	4.55(2.63)
anterior spinal artery syndrome	9	73.66(36.81, 147.37)	73.65(37.09, 146.25)	572.41	6.03(5.09)	65.48(36.65)
cauda equina syndrome	6	5.08(2.28, 11.35)	5.08(2.27, 11.35)	19.5	2.34(1.26)	5.05(2.58)
amnesic disorder	6	7.98(3.56, 17.86)	7.98(3.57, 17.82)	36.12	2.98(1.9)	7.88(4.02)
clonic convulsion	5	4.39(1.82, 10.58)	4.39(1.82, 10.61)	12.98	2.13(0.97)	4.36(2.09)
brain stem syndrome	5	4.3(1.79, 10.37)	4.3(1.78, 10.39)	12.59	2.1(0.94)	4.28(2.05)
anaesthesia	3	5.38(1.73, 16.77)	5.38(1.73, 16.77)	10.6	2.42(0.99)	5.34(2.06)
piriformis syndrome	3	11.78(3.76, 36.94)	11.78(3.78, 36.72)	29	3.53(2.1)	11.56(4.44)
radicular pain	3	5.35(1.72, 16.67)	5.35(1.72, 16.67)	10.5	2.41(0.99)	5.31(2.05)

somnolence neonatal	3	9.74(3.11, 30.48)	9.74(3.13, 30.36)	23.13	3.26(1.83)	9.59(3.69)
spinal cord oedema	3	5.22(1.67, 16.26)	5.22(1.67, 16.27)	10.14	2.37(0.95)	5.18(2)
dreamy state	3	5.73(1.84, 17.88)	5.73(1.84, 17.86)	11.61	2.51(1.08)	5.69(2.2)
phantom limb syndrome	3	11.25(3.59, 35.25)	11.25(3.61, 35.06)	27.47	3.47(2.03)	11.05(4.25)
infant sedation	3	124.51(35.78, 433.27)	124.5(35.51, 436.46)	302.68	6.68(5.12)	102.71(36.18)
completed suicide	642	4.88(4.52, 5.28)	4.86(4.49, 5.26)	1952.1	2.27(2.16)	4.82(4.52)
hallucination	414	3.62(3.29, 3.99)	3.61(3.27, 3.98)	777.08	1.85(1.71)	3.59(3.31)
suspected suicide	58	10.59(8.16, 13.73)	10.58(8.2, 13.65)	494.18	3.38(3.01)	10.41(8.38)
adjustment disorder with depressed mood	10	4.04(2.17, 7.53)	4.04(2.16, 7.56)	22.72	2.01(1.15)	4.02(2.39)
perseveration	8	29.24(14.37, 59.48)	29.23(14.43, 59.19)	207.69	4.8(3.83)	27.88(15.39)
psychotic behaviour	8	4.87(2.43, 9.77)	4.87(2.4, 9.86)	24.42	2.28(1.33)	4.84(2.7)
trance	8	13.88(6.88, 27.98)	13.88(6.85, 28.11)	93.35	3.76(2.81)	13.57(7.55)
hallucination, tactile	6	6.06(2.71, 13.55)	6.06(2.71, 13.54)	25.1	2.59(1.51)	6.01(3.07)
delusional perception	5	7.71(3.19, 18.62)	7.71(3.19, 18.63)	28.8	2.93(1.77)	7.62(3.64)
posturing	5	5.92(2.45, 14.28)	5.92(2.45, 14.3)	20.22	2.55(1.39)	5.87(2.81)
suicide threat	5	9.34(3.86, 22.6)	9.34(3.87, 22.56)	36.65	3.2(2.04)	9.21(4.4)
belligerence	4	5.57(2.08, 14.92)	5.57(2.09, 14.84)	14.87	2.47(1.2)	5.53(2.43)
delirium tremens	4	5.93(2.21, 15.88)	5.93(2.23, 15.8)	16.22	2.56(1.28)	5.88(2.58)
time perception altered	4	7.31(2.73, 19.59)	7.31(2.74, 19.48)	21.51	2.85(1.58)	7.23(3.17)
helplessness	4	5.27(1.97, 14.1)	5.27(1.98, 14.04)	13.71	2.39(1.12)	5.23(2.3)
neologism	3	91.74(27.15, 310.03)	91.74(27.21, 309.25)	232.54	6.31(4.78)	79.37(28.65)

mental disorder due to a general medical condition	3	6.18(1.98, 19.28)	6.18(1.98, 19.26)	12.89	2.62(1.19)	6.13(2.36)
autophobia	3	7.48(2.4, 23.37)	7.48(2.4, 23.31)	16.63	2.89(1.46)	7.4(2.85)
toxicity to various agents	1385	5.56(5.27, 5.87)	5.49(5.18, 5.82)	5056.68	2.45(2.37)	5.45(5.21)
medication error	264	3.1(2.75, 3.5)	3.09(2.75, 3.48)	372.41	1.62(1.45)	3.08(2.79)
poisoning	170	8.55(7.34, 9.94)	8.53(7.29, 9.98)	1114.1	3.07(2.86)	8.42(7.42)
poisoning deliberate	59	4.63(3.58, 5.98)	4.63(3.59, 5.97)	166.57	2.2(1.84)	4.6(3.71)
subdural haemorrhage	36	8.29(5.96, 11.52)	8.28(5.93, 11.55)	227.33	3.03(2.56)	8.18(6.21)
gun shot wound	19	6.22(3.96, 9.78)	6.22(3.96, 9.76)	82.41	2.62(1.99)	6.17(4.22)
anaesthetic complication	18	4.27(2.69, 6.79)	4.27(2.67, 6.83)	44.79	2.09(1.44)	4.25(2.88)
maternal exposure during delivery	14	11.62(6.85, 19.73)	11.62(6.85, 19.73)	133.23	3.51(2.77)	11.41(7.33)
vasoplegia syndrome	14	6.35(3.75, 10.75)	6.35(3.74, 10.78)	62.42	2.65(1.92)	6.29(4.05)
procedural hypotension	13	9.35(5.4, 16.17)	9.35(5.4, 16.19)	95.38	3.2(2.44)	9.22(5.83)
transcription medication error	12	4.77(2.7, 8.42)	4.77(2.7, 8.42)	35.45	2.24(1.46)	4.74(2.95)
carbon monoxide poisoning	10	14.98(7.99, 28.06)	14.97(8, 28.03)	127.14	3.87(3.01)	14.62(8.65)
mechanical ventilation complication	10	48.02(25.2, 91.53)	48.02(25.1 5, 91.69)	425.24	5.47(4.59)	44.43(25.9)
dislocation of vertebra	10	3.78(2.03, 7.04)	3.78(2.02, 7.08)	20.32	1.91(1.06)	3.76(2.24)
deep vein thrombosis postoperative	10	4.48(2.4, 8.35)	4.48(2.39, 8.39)	26.82	2.15(1.3)	4.45(2.65)
delayed recovery from anaesthesia	8	5.61(2.8, 11.26)	5.61(2.77, 11.36)	30.04	2.48(1.53)	5.57(3.11)
post lumbar puncture syndrome	8	4.83(2.41, 9.69)	4.83(2.39, 9.78)	24.11	2.26(1.32)	4.8(2.68)
obstetric procedure complication	6	120.22(49. 91, 289.57)	120.21(49. 76, 290.39)	587.72	6.64(5.47)	99.77(47.8 2)
drug monitoring procedure incorrectly performed	6	6.2(2.77, 13.87)	6.2(2.78, 13.85)	25.91	2.62(1.54)	6.15(3.14)

procedural nausea	5	4.32(1.79, 10.41)	4.32(1.79, 10.44)	12.65	2.1(0.94)	4.29(2.06)
procedural vomiting	5	5.01(2.08, 12.08)	5.01(2.07, 12.1)	15.91	2.31(1.15)	4.97(2.38)
exposure to contaminated device	4	9.41(3.5, 25.27)	9.41(3.53, 25.07)	29.58	3.21(1.94)	9.28(4.06)
environmental exposure	3	8.72(2.79, 27.25)	8.72(2.8, 27.18)	20.19	3.1(1.68)	8.6(3.31)
thermal burns of eye	3	10.89(3.48, 34.14)	10.89(3.49, 33.94)	26.46	3.42(1.99)	10.71(4.12)
hypothermia	83	5.34(4.3, 6.63)	5.33(4.3, 6.61)	289.67	2.4(2.09)	5.29(4.42)
brain death	32	6.6(4.66, 9.35)	6.6(4.64, 9.39)	150.21	2.71(2.21)	6.53(4.88)
injection site granuloma	24	82.53(53.82, 126.57)	82.51(53.61, 126.99)	1692.25	6.18(5.58)	72.38(50.61)
foaming at mouth	14	4.44(2.63, 7.52)	4.44(2.62, 7.54)	37.06	2.14(1.41)	4.42(2.84)
implant site extravasation	13	9.99(5.77, 17.29)	9.99(5.77, 17.29)	103.41	3.3(2.54)	9.84(6.22)
moaning	12	6.99(3.96, 12.36)	6.99(3.96, 12.34)	60.9	2.79(2)	6.92(4.3)
catheter site granuloma	8	119.19(55.7, 255.06)	119.18(55.49, 255.96)	777.95	6.63(5.6)	99.07(52.42)
infusion site granuloma	6	217.9(85.26, 556.86)	217.88(85.04, 558.22)	942.05	7.31(6.09)	158.73(72.39)
infusion site urticaria	5	5.59(2.32, 13.48)	5.59(2.31, 13.5)	18.65	2.47(1.31)	5.54(2.65)
implant site discharge	5	8.67(3.59, 20.97)	8.67(3.59, 20.94)	33.44	3.1(1.93)	8.56(4.09)
haemorrhagic cyst	5	8.21(3.39, 19.84)	8.21(3.4, 19.83)	31.2	3.02(1.85)	8.11(3.87)
device intolerance	4	11.28(4.19, 30.35)	11.28(4.23, 30.06)	36.77	3.47(2.19)	11.09(4.84)
medical device site erythema	3	16.44(5.22, 51.81)	16.44(5.17, 52.25)	42.32	4(2.56)	16.02(6.13)
tachyphylaxis	3	5.27(1.69, 16.41)	5.27(1.69, 16.43)	10.27	2.39(0.96)	5.23(2.02)
pulmonary congestion	88	4.22(3.42, 5.2)	4.21(3.39, 5.22)	214.22	2.07(1.77)	4.19(3.52)
acute chest syndrome	79	62.33(49.42, 78.62)	62.28(49.23, 78.79)	4302.29	5.82(5.48)	56.35(46.4)

aspiration	78	4.75(3.8, 5.93)	4.74(3.82, 5.88)	228.61	2.24(1.92)	4.71(3.91)
asphyxia	75	5.9(4.7, 7.41)	5.9(4.66, 7.46)	302.23	2.55(2.22)	5.85(4.84)
rhonchi	16	7.24(4.42, 11.85)	7.23(4.43, 11.8)	84.91	2.84(2.15)	7.16(4.74)
infantile apnoea	13	10.95(6.32, 18.95)	10.95(6.33, 18.96)	115.32	3.43(2.66)	10.76(6.8)
obliterative bronchiolitis	12	5.81(3.29, 10.26)	5.81(3.29, 10.26)	47.32	2.53(1.74)	5.76(3.58)
respiratory paralysis	6	24.9(11, 56.38)	24.9(10.93, 56.72)	131.99	4.58(3.49)	23.92(12.07)
neonatal respiratory depression	6	11.74(5.23, 26.34)	11.74(5.26, 26.22)	57.77	3.53(2.45)	11.53(5.86)
paranasal cyst	6	17.7(7.85, 39.87)	17.7(7.92, 39.53)	91.72	4.1(3.02)	17.2(8.72)
irregular breathing	5	5.89(2.44, 14.22)	5.89(2.44, 14.23)	20.11	2.55(1.39)	5.84(2.8)
anoxia	4	6.94(2.59, 18.59)	6.94(2.6, 18.49)	20.09	2.78(1.51)	6.87(3.01)
pneumonitis aspiration	4	10.56(3.93, 28.4)	10.56(3.96, 28.14)	34.02	3.38(2.1)	10.39(4.54)
cheyne-stokes respiration	3	7.48(2.4, 23.37)	7.48(2.4, 23.31)	16.63	2.89(1.46)	7.4(2.85)
implant site infection	16	4.29(2.63, 7.02)	4.29(2.63, 7)	40.13	2.09(1.41)	4.27(2.83)
retinitis	15	7.94(4.77, 13.21)	7.94(4.77, 13.22)	89.73	2.97(2.26)	7.84(5.12)
lupus vulgaris	13	11.66(6.73, 20.19)	11.66(6.74, 20.19)	124.16	3.52(2.75)	11.45(7.23)
mastoiditis	8	5.42(2.7, 10.88)	5.42(2.68, 10.98)	28.6	2.43(1.48)	5.38(3.01)
abscess jaw	7	4.11(1.95, 8.64)	4.11(1.95, 8.66)	16.35	2.03(1.03)	4.09(2.19)
lymph gland infection	5	7.02(2.91, 16.95)	7.02(2.91, 16.96)	25.49	2.8(1.63)	6.95(3.32)
meningitis herpes	4	15.7(5.82, 42.4)	15.7(5.78, 42.66)	53.62	3.94(2.65)	15.32(6.67)
herpes zoster oticus	4	5.44(2.03, 14.57)	5.44(2.04, 14.49)	14.37	2.43(1.16)	5.4(2.37)
whipple's disease	4	6.68(2.49, 17.9)	6.68(2.51, 17.8)	19.09	2.73(1.45)	6.61(2.9)

herpes simplex meningoencephalitis	4	29.8(10.91, 81.39)	29.8(10.97, 80.97)	105.89	4.83(3.53)	28.39(12.2 5)
infusion site abscess	3	5.85(1.88, 18.24)	5.85(1.88, 18.23)	11.94	2.54(1.11)	5.8(2.24)
pseudomonas bronchitis	3	29.54(9.26, 94.25)	29.54(9.29, 93.89)	78.73	4.82(3.36)	28.16(10.6 7)
vomiting projectile	13	3.17(1.84, 5.47)	3.17(1.83, 5.49)	19.23	1.66(0.9)	3.16(2)
gastrointestinal hypomotility	9	3.96(2.06, 7.63)	3.96(2.07, 7.56)	19.79	1.98(1.08)	3.94(2.28)
oesophageal motility disorder	5	10.45(4.32, 25.31)	10.45(4.33, 25.24)	41.97	3.36(2.2)	10.28(4.91)
trichoglossia	5	9.08(3.75, 21.96)	9.08(3.76, 21.93)	35.39	3.16(2)	8.95(4.28)
oesophageal achalasia	5	5.35(2.22, 12.91)	5.35(2.21, 12.92)	17.52	2.41(1.25)	5.31(2.54)
neurogenic bowel	4	11.07(4.12, 29.76)	11.07(4.15, 29.5)	35.94	3.44(2.16)	10.88(4.75)
oral discharge	3	5.22(1.67, 16.26)	5.22(1.67, 16.27)	10.14	2.37(0.95)	5.18(2)
cardiac arrest	449	3.46(3.15, 3.8)	3.45(3.13, 3.81)	776.47	1.78(1.65)	3.43(3.18)
cardio-respiratory arrest	265	3.94(3.49, 4.44)	3.93(3.49, 4.42)	575.32	1.97(1.79)	3.91(3.53)
acute coronary syndrome	147	11.07(9.4, 13.04)	11.06(9.45, 12.94)	1319.65	3.44(3.21)	10.87(9.48)
sinus tachycardia	77	3.46(2.77, 4.33)	3.46(2.79, 4.29)	133.99	1.79(1.46)	3.45(2.86)
hypertensive heart disease	15	4.76(2.86, 7.91)	4.76(2.86, 7.92)	44.19	2.24(1.53)	4.73(3.09)
myocardial fibrosis	9	6.97(3.61, 13.45)	6.97(3.58, 13.57)	45.5	2.79(1.89)	6.9(3.98)
cardiac hypertrophy	7	4.07(1.93, 8.55)	4.07(1.93, 8.57)	16.08	2.02(1.01)	4.05(2.17)
rhythm idioventricular	4	7.77(2.9, 20.85)	7.77(2.92, 20.7)	23.29	2.94(1.67)	7.68(3.37)
cardiovascular symptom	4	7.52(2.81, 20.17)	7.52(2.82, 20.04)	22.33	2.89(1.62)	7.44(3.26)
foetal heart rate disorder	3	11.7(3.73, 36.69)	11.7(3.75, 36.47)	28.77	3.52(2.09)	11.49(4.41)
self-medication	56	8.94(6.86, 11.64)	8.93(6.92, 11.52)	388.48	3.14(2.76)	8.81(7.06)

detoxification	11	19.79(10.85, 36.09)	19.79(10.78, 36.33)	189.75	4.26(3.43)	19.17(11.59)
finger amputation	6	5.24(2.35, 11.71)	5.24(2.35, 11.7)	20.41	2.38(1.31)	5.2(2.66)
euthanasia	5	10.72(4.43, 25.97)	10.72(4.44, 25.9)	43.27	3.4(2.23)	10.54(5.03)
drug rehabilitation	5	22.18(9.08, 54.17)	22.18(9, 54.64)	97.39	4.42(3.24)	21.4(10.13)
nerve block	4	4.67(1.74, 12.48)	4.67(1.75, 12.44)	11.43	2.21(0.94)	4.64(2.04)
patient restraint	3	26.02(8.18, 82.72)	26.02(8.19, 82.7)	69.07	4.64(3.19)	24.94(9.48)
hypogonadism male	19	52.83(33.03, 84.5)	52.82(33, 84.55)	885.44	5.6(4.94)	48.5(32.74)
hypogonadism	10	6.21(3.33, 11.59)	6.21(3.32, 11.63)	43.29	2.62(1.77)	6.16(3.66)
secondary adrenocortical insufficiency	8	3.74(1.87, 7.49)	3.74(1.88, 7.43)	15.95	1.9(0.95)	3.72(2.08)
carcinoid crisis	6	16.44(7.31, 37.02)	16.44(7.36, 36.72)	84.63	4(2.92)	16.02(8.12)
secondary hypogonadism	4	8.04(3, 21.57)	8.04(3.02, 21.42)	24.33	2.99(1.71)	7.95(3.48)
androgen deficiency	3	5.35(1.72, 16.67)	5.35(1.72, 16.67)	10.5	2.41(0.99)	5.31(2.05)
pupillary reflex impaired	38	13.63(9.88, 18.8)	13.62(9.95, 18.64)	434.2	3.74(3.28)	13.33(10.19)
pupil fixed	33	11.87(8.41, 16.75)	11.86(8.33, 16.88)	321.76	3.54(3.05)	11.65(8.73)
lid sulcus deepened	3	5.4(1.73, 16.82)	5.4(1.73, 16.83)	10.65	2.42(1)	5.36(2.07)
cyanosis	104	4.19(3.46, 5.09)	4.19(3.44, 5.1)	250.91	2.06(1.78)	4.17(3.55)
visceral congestion	10	13.24(7.07, 24.77)	13.23(7.07, 24.77)	110.59	3.7(2.83)	12.96(7.67)
vasoconstriction	6	4.73(2.12, 10.56)	4.73(2.12, 10.56)	17.51	2.23(1.16)	4.7(2.4)
neonatal hypotension	5	8.4(3.47, 20.3)	8.4(3.48, 20.29)	32.11	3.05(1.89)	8.29(3.96)
chronic spontaneous urticaria	10	7.52(4.03, 14.03)	7.52(4.02, 14.08)	55.77	2.89(2.04)	7.43(4.41)
occupational dermatitis	3	37.89(11.79, 121.84)	37.89(11.69, 122.82)	101.16	5.16(3.69)	35.63(13.41)

nephrosclerosis	13	6.89(3.99, 11.9)	6.89(3.98, 11.93)	64.63	2.77(2.01)	6.82(4.31)
bladder dilatation	10	5.89(3.16, 10.99)	5.89(3.15, 11.03)	40.22	2.55(1.69)	5.84(3.47)
urinary bladder rupture	5	13.03(5.37, 31.61)	13.03(5.39, 31.48)	54.3	3.67(2.5)	12.76(6.08)
bladder neck obstruction	4	20.57(7.59, 55.75)	20.57(7.57, 55.89)	71.92	4.31(3.02)	19.9(8.64)
systemic mastocytosis	7	17.46(8.23, 37.03)	17.46(8.29, 36.77)	105.42	4.09(3.07)	16.98(9.05)
metastases to eye	6	19.7(8.73, 44.44)	19.7(8.65, 44.87)	102.99	4.25(3.17)	19.08(9.66)
carcinoid tumour	6	4.88(2.18, 10.89)	4.88(2.18, 10.9)	18.33	2.28(1.2)	4.84(2.47)
neuroendocrine tumour of the lung	3	19.15(6.06, 60.5)	19.15(6.02, 60.87)	49.97	4.22(2.77)	18.57(7.1)
vascular malformation	6	20.75(9.19, 46.85)	20.75(9.11, 47.26)	108.9	4.33(3.24)	20.07(10.15)
newborn persistent pulmonary hypertension	4	9.68(3.6, 26.01)	9.68(3.63, 25.79)	30.64	3.25(1.98)	9.54(4.17)
foetal megacystis	4	58.1(20.79, 162.4)	58.1(20.97, 160.99)	204.07	5.73(4.39)	52.91(22.39)
congenital pulmonary hypertension	3	9.27(2.96, 29.01)	9.27(2.97, 28.89)	21.79	3.19(1.76)	9.14(3.52)
sphincter of oddi dysfunction	26	41.74(28.04, 62.15)	41.73(28.2, 61.76)	964.36	5.29(4.72)	39(27.95)
biliary dilatation	10	4.42(2.37, 8.23)	4.42(2.36, 8.28)	26.22	2.13(1.28)	4.39(2.61)
biliary obstruction	7	4.77(2.27, 10.04)	4.77(2.26, 10.05)	20.71	2.25(1.24)	4.74(2.55)
female reproductive tract disorder	4	14.44(5.35, 38.93)	14.44(5.31, 39.24)	48.81	3.82(2.54)	14.11(6.15)
compartment syndrome	14	3.41(2.01, 5.76)	3.41(2.01, 5.79)	23.66	1.76(1.03)	3.39(2.19)
seronegative arthritis	8	5.39(2.69, 10.82)	5.39(2.66, 10.92)	28.36	2.42(1.47)	5.35(2.99)
contrast media allergy	25	10.5(7.07, 15.59)	10.5(7.09, 15.54)	210.96	3.37(2.81)	10.33(7.42)
anaesthetic complication neonatal	3	348.62(83.31, 1457.9)	348.61(83.36, 1457.9)	649.9	7.77(6.07)	218.26(65.89)
acidosis	46	3.84(2.87, 5.13)	3.84(2.86, 5.15)	95.98	1.93(1.52)	3.82(3)

Supplementary Table 2 PTs based on Age Stratification Analysis of Hydromorphone and morphine stulfa

Hydromorphone		hydromorphone <18										hydromorphone 18-65										hydromorphone >=65										hydromorphone unknow									
soc_english	pt_english	Case	Repor	ROR(95%	PRR(95%	chisq	IC(1C025)	EBGM(EB	p.value	p.adj	Case	Repor	ROR(95%	PRR(95%	chisq	IC(1C025)	EBGM(EB	p.value	p.adj	Case	Repor	ROR(95%	PRR(95%	chisq	IC(1C025)	EBGM(EB	p.value	p.adj	Case	Repor	ROR(95%	PRR(95%	chisq	IC(1C025)	EBGM(EB	p.value	p.adj				
eye disorders	miosis	4	9.8(3.66, 29.76)	3.66	31.34	3.28(2.01)	9.72(4.27)	0.001	0.002											24	25.81(17.2, 52.74)	17.0	56.17	4.66(4.09)	25.32(18.0)																
respiratory, thoracic and mediastinal disorders	acute respiratory failure	3	9.57(3.07, 9.54)	3.06	22.86	3.25(1.83)	9.51(3.68)	0.004	0.008																																
respiratory, thoracic and mediastinal disorders	aspiration	3	9.55(3.07, 9.52)	3.05	22.78	3.25(1.82)	9.48(3.67)	0.004	0.008																																
immune system disorders	acute graft versus host disease in skin	3	9.41(3.02, 9.38)	3.01	22.37	3.22(1.8)	9.34(3.61)	0.004	0.008																																
nervous system disorders	hydrocephalus	3	8.31(2.67, 8.29)	2.66	19.16	3.05(1.63)	8.26(3.19)	0.006	0.01																																
nervous system disorders	hypertonia	3	8.19(2.63, 8.17)	2.62	18.82	3.03(1.61)	8.14(3.15)	0.006	0.011																																
neoplasms benign, malignant and unspecified (incl cysts and polyps)	retro-orbital neoplasm	4	778.85(250.775, 1724)	2319.53		9.18(7.74)	581.63(225)		0																																
neoplasms benign, malignant and unspecified (incl cysts and polyps)	metastases to liver	3	76.93(24.3, 76.67)	24.1	216.89	6.21(4.77)	74.25(28.3)	0	0																																
neoplasms benign, malignant and unspecified (incl cysts and polyps)	neuroblastoma recurrent	3	72.93(23.0, 72.67)	22.8	205.64	6.14(4.69)	70.5(26.91)	0	0																																
infections and infestations	pneumonia aspiration	3	7.97(2.56, 7.95)	2.55	18.16	2.99(1.57)	7.92(3.06)	0.007	0.011																																
neoplasms benign, malignant and unspecified (incl cysts and polyps)	malignant cranial nerve neoplasm	4	667.58(215.664, 43217)	2060.92		9.01(7.59)	517(203.65)		0																																
psychiatric disorders	substance abuse	8	63.02(31.1, 62.43)	30.8	471	5.93(4.97)	60.82(33.7)	0	0	186	55.02(47.4, 54.44)	47.4	9335.45	5.7(5.49)	52.12(46.0)	0	0	0	0	4	36.26(13.4, 36.24)	13.3	133.88	5.15(3.86)	35.42(15.4)	0	0	66	13.75(10.7, 13.73)	10.8	760.9	3.75(3.4)	13.43(10.9)	0	0						
psychiatric disorders	drug dependence	33	62.49(43.9, 60.14)	43.07	1870.63	5.87(5.37)	58.61(43.6)	0	0	380	23.46(21.1, 22.96)	20.8	7838.78	4.49(4.35)	22.55(20.6)	0	0	0	0	29	12.3(8.53, 12.25)	8.44	297.42	3.6(3.09)	12.16(8.95)	0	0	6483	37(35.99, 329.87)	29.2	173174.42	4.83(4.79)	28.44(27.7)	0	0						
injury, poisoning and procedural complications	accidental exposure to product by child	15	6.84(4.1, 1.6)	73(4.04, 73.2)		2.75(2.03)	6.72(4.38)	0	0																																
injury, poisoning and procedural complications	accidental overdose	14	6.83(4.02, 6.73)	3(9.6, 68.3)		2.75(2.01)	6.72(4.31)	0	0																																
nervous system disorders	intracranial pressure increased	3	6.71(2.16, 6.69)	2(15, 14.48)		2.74(1.32)	6.67(2.58)	0.011	0.017																																
general disorders and administration site conditions	unevaluable event	4	6.63(2.48, 6.61)	2(48, 18.99)		2.72(1.45)	6.59(2.89)	0.003	0.007																																
injury, poisoning and procedural complications	accidental exposure to product	9	6.39(3.31, 6.33)	3(32, 40.34)		2.66(1.76)	6.31(3.64)	0	0																																
psychiatric disorders	learning disability	4	56.98(21.0, 56.72)	21.2	213.75	5.79(4.5)	55.39(24.1)	0	0																																
general disorders and administration site conditions	potentiating drug interaction	3	50.37(16.0, 50.19)	16.1	141.59	5.62(4.18)	49.15(18.8)	0	0																																
injury, poisoning and procedural complications	toxicity to various agents	26	5.98(4.04, 5.82)	4(01, 104.2)		2.54(1.99)	5.81(4.19)	0	0																																
congenital, familial and genetic disorders	ventricular septal defect	4	5.94(2.22, 5.92)	2(22, 16.33)		2.56(1.29)	5.91(2.59)	0.005	0.009																																
nervous system disorders	altered state of consciousness	3	5.7(1.83, 1.5)	68(1.82, 11.55)		2.5(1.08)	5.67(2.19)	0.017	0.026																																
nervous system disorders	lethargy	9	5.48(2.84, 5.43)	2(84, 32.53)		2.44(1.54)	5.42(3.13)	0	0																																
respiratory, thoracic and mediastinal disorders	hypoxia	5	5.41(2.25, 5.39)	2(23, 17.85)		2.43(1.27)	5.38(2.58)	0.003	0.005																																
injury, poisoning and procedural complications	sedation complication	3	44.31(14.1, 44.16)	14.1	124.19	5.44(4)	43.35(16.6)	0	0																																
cardiac disorders	bradycardia	6	4.21(1.88, 9.4)	17(1.87, 14.47)		2.06(0.98)	4.17(2.13)	0.004	0.007																																
nervous system disorders	loss of consciousness	7	4.05(1.93, 4.03)	1(91, 15.95)		2.01(1)	4.02(2.16)	0.002	0.004																																
nervous system disorders	brain herniation	6	39.92(17.7, 39.64)	17(7, 222.24)		5.29(4.2)	38.99(19.8)	0	0																																
nervous system disorders	hyperaesthesia	4	36.51(13.56, 36.34)	13(6, 135.36)		5.16(3.88)	35.79(15.6)	0	0	53	15.9(12.12, 15.85)	12(0, 727.99)	3.97(3.58)	15.66(12.4)	0	0	10	11.6(6.22, 11.59)	6(19, 96)	3.52(2.67)	11.51(6.83)	0	0	22	5.99(3.94, 5.99)	3(97, 90.48)	2.57(1.98)	5.94(4.18)	0	0											
nervous system disorders	postoperative ileus	6	351.31(143.348, 83147)	1809.59		8.25(7.1)	303.46(147)	0	0	6	40.28(17.8, 40.27)	18(0, 222.32)	5.29(4.2)	39(19.74)	0	0																									
cardiac disorders	dilatation ventricular	3	35.9(11.46, 35.78)	11(4, 99.89)		5.14(3.71)	35.25(13.5)	0	0																																
psychiatric disorders	substance dependence	3	333.39(99.332, 22(98, 866.83)			8.18(6.66)	290.4(105)	0	0	53	241.02(175.240, 28(175, 10524.25)		7.65(7.23)	290.4(156)	0	0																									
injury, poisoning and procedural complications	overdose	22	3.77(2.47, 3.69)	2(44, 43.46)		1.88(1.29)	3.69(2.59)	0	0																																
general disorders and administration site conditions	drug interaction	9	3.63(1.88, 3.61)	1(89, 6.16)	91	1.85(0.95)	3.59(2.07)	0.001	0.002																																
respiratory, thoracic and mediastinal disorders	hypopnea	3	29.29(9.36, 29.19)	9(37, 80.67)		4.85(3.42)	28.84(11.1)	0	0																																
neoplasms benign, malignant and unspecified (incl cysts and polyps)	metastases to spine	4	267.03(94.265, 77(94, 946.91)			7.9(6.55)	238.62(100)	0	0																																
surgical and medical procedures	therapy change	3	25.18(8.06, 25.1)	8(05, 68.67)		4.63(3.21)	24.84(9.57)	0	0.001																																
psychiatric disorders	bruxism	3	24.31(7.78, 24.22)	7(77, 66.12)		4.58(3.16)	23.98(9.24)	0	0.001																																
investigations	pulse absent	3	22.08(7.07, 22.01)	7(06, 59.61)		4.45(3.02)	21.81(8.41)	0	0.001																																
psychiatric disorders	euphoric mood	3	21.41(6.85, 21.33)	6(84, 57.63)		4.4(2.98)	21.15(8.16)	0	0.001	46	13.07(9.77, 13.04)	9(72, 505.98)	3.69(3.28)	12.91(10.1)	0	0																									
respiratory, thoracic and mediastinal disorders	infantile apnoea	3	20.77(6.65, 20.7)	6(64, 55.76)		4.36(2.93)	20.53(7.92)	0	0.001																																

surgical and medical procedures	rest regimen	4	436.97(135.436.87(140.1275.62	8.32(6.88)	320.64(1230	0														
surgical and medical procedures	fluid replacement	4	45.35(16.7 45.34(16.6 167.12	5.45(4.16)	43.72(18.90	0														
surgical and medical procedures	life support	4	22.15(8.24 22.15(8.31 79.3	4.44(3.16)	21.76(9.51 0	0														
surgical and medical procedures	drug therapy	4	72.96(26.7 72.92(26.8 270.71	6.12(4.82)	69.62(30.00	0	3	8.88(2.84, 8.88(2.85, 20.65	3.13(1.7)	8.76(3.37)	0.005	0.01								
surgical and medical procedures	therapeutic embolisation	4	63.08(23.2 63.05(23.2 234.49	5.92(4.62)	60.57(26.20	0														
surgical and medical procedures	analgesic therapy	4	60.56(22.2 60.53(22.2 225.17	5.86(4.57)	58.24(25.20	0														
surgical and medical procedures	sleep disorder therapy	3	58.98(18.6 58.96(18.5 164.51	5.83(4.38)	56.78(21.60	0														
surgical and medical procedures	oxygen therapy	11	36.96(20.3 36.91(20.5 375.14	5.17(4.34)	36.05(21.80	0														
surgical and medical procedures	intensive care	3	18.54(5.94 18.53(5.95 49.15	4.2(2.77)	18.32(7.06 0.001	0.002														
surgical and medical procedures	eye operation	9	11.43(5.93 11.42(5.98 84.9	3.5(2.6)	11.34(6.55 0	0														
surgical and medical procedures	palliative care	3	9.38(3.01, 9.38(3.01, 22.32	3.22(1.8)	9.33(3.61) 0.004	0.013														
surgical and medical procedures	palliative sedation	3					3	192.35(52.192.34(51.428.27	7.17(5.56)	144.5(48.40	0									
surgical and medical procedures	drug detoxification	5					5	7.78(3.22, 7.78(3.22, 29.13	2.94(1.78)	7.69(3.67)	0.001	0.001								
gastrointestinal disorders	narcoic bowel syndrome	4	53.41(19.6 53.39(19.6 196.9	5.68(4.38)	51.17(22.10	0														
gastrointestinal disorders	abdominal compartment syndrome	6	26.22(11.6 26.21(11.7 142.4	4.68(3.6)	25.67(13.00	0														
gastrointestinal disorders	intestinal pseudo-obstruction	5	19.83(8.19 19.82(8.2, 87.93	4.29(3.12)	19.52(9.320	0														
gastrointestinal disorders	gastrointestinal tract irritation	4	13.46(5.02 13.46(5.05 45.63	3.74(2.46)	13.32(5.840	0.001	3	19.32(6.19 19.32(6.2, 51.45	4.25(2.83)	19.09(7.36 0.001	0.002									
gastrointestinal disorders	appendicitis	10					10	67.04(35.5 66.96(35.7 622.18	6(5.13)	64.16(37.70	0									
gastrointestinal disorders	faecal vomiting	3					3	24.95(7.97 24.94(8, 7767.83	4.62(3.19)	24.55(9.450	0.001									
gastrointestinal disorders	oesophageal obstruction	3					3	18.31(5.86 18.3(5.87, 48.49	4.18(2.75)	18.1(6.98)	0.001	0.002								
gastrointestinal disorders	subileus	7					7	15.66(7.43 15.65(7.43 94.99	3.95(2.95)	15.5(8.31) 0	0									
gastrointestinal disorders	proctitis	5					5	12.87(5.34 12.87(5.33 54.27	3.67(2.51)	12.77(6.110	0									
gastrointestinal disorders	faecaloma	9					9	7.3(3.79, 1.7.29(3.82, 48.66	2.86(1.96)	7.26(4.2) 0	0									
congenital, familial and genetic disorders	hypermobility syndrome	4	39.72(14.6 39.72(14.6 146.13	5.27(3.98)	38.48(16.70	0														
congenital, familial and genetic disorders	congenital hearing disorder	4					4	23.8(8.75, 23.79(8.76 83.89	4.52(3.22)	22.89(9.910	0									
congenital, familial and genetic disorders	congenital megaureter	3					3	22.19(7.01 22.19(6.98 58.46	4.42(2.97)	21.41(8.160	0.001									
congenital, familial and genetic disorders	kidney duplex	3					3	14.31(4.55 14.31(4.59 36.23	3.81(2.37)	13.98(5.36 0.001	0.003									
congenital, familial and genetic disorders	spina bifida	23					23	7.58(5.03, 7.58(5.02, 129.67	2.91(2.32)	7.49(5.31) 0	0									
congenital, familial and genetic disorders	congenital anomaly	58					58	5.47(4.22, 5.46(4.23, 209.66	2.44(2.07)	5.42(4.37) 0	0									
congenital, familial and genetic disorders	hydrocele	4					4	4.78(1.79, 4.78(1.79, 11.85	2.25(0.98)	4.75(2.08) 0.011	0.02									
congenital, familial and genetic disorders	multiple congenital abnormalities	9					9	4.29(2.23, 4.29(2.25, 22.53	2.09(1.19)	4.26(2.46) 0	0.001									
musculoskeletal and connective tissue disorders	rib deformity	3	42.91(13.5 42.91(13.5 118.56	5.37(3.93)	41.46(15.80	0														
musculoskeletal and connective tissue disorders	dupuytren's contracture	5	23.02(9.5, 23.02(9.53 103.31	4.5(3.33)	22.6(10.780	0														
musculoskeletal and connective tissue disorders	intervertebral disc compression	4	14.22(5.31 14.22(5.34 48.58	3.81(2.54)	14.06(6.160	0.001														
musculoskeletal and connective tissue disorders	joint destruction	3					3	21.73(6.95 21.72(6.97 58.46	4.42(2.99)	21.43(8.260	0.002									
musculoskeletal and connective tissue disorders	limb mass	6					6	20.42(9.12 20.4(9.13, 109.24	4.33(3.25)	20.14(10.20	0									
musculoskeletal and connective tissue disorders	intervertebral disc disorder	4					4	7.59(2.84, 7.58(2.84, 22.75	2.92(1.65)	7.55(3.32) 0.002	0.007									
musculoskeletal and connective tissue disorders	synovitis	10					10	7.33(3.94, 7.32(3.91, 54.32	2.87(2.01)	7.29(4.33) 0	0									
musculoskeletal and connective tissue disorders	ankylosing spondylitis	3					3	7.04(2.26, 7.04(2.26, 15.47	2.81(1.39)	7.01(2.71) 0.009	0.025									
musculoskeletal and connective tissue disorders	costochondritis	11					11	13.89(7.64 13.89(7.57 128.48	3.76(2.94)	13.59(8.240	0									
neoplasms benign, malignant and unspecified (incl cysts and polyps)	brain stem glioma	3	180.24(53. 180.21(53.464.9	7.29(5.77)	156.83(56.0	0														
neoplasms benign, malignant and unspecified (incl cysts and polyps)	metastatic malignant melanoma	7	10.6(5.03, 10.59(5.03 60.27	3.39(2.39)	10.51(5.640	0														
neoplasms benign, malignant and unspecified (incl cysts and polyps)	malignant peritoneal neoplasm	3					3	27.69(8.84 27.68(8.88 75.76	4.77(3.33)	27.2(10.460	0.001									
metabolism and nutrition disorders	hyperphosphataemia	4					4	11.23(4.2, 11.23(4.21 37	3.48(2.21)	11.15(4.9) 0.001	0.002									
metabolism and nutrition disorders	iron deficiency	7					7	10.48(4.98 10.47(4.97 59.53	3.38(2.37)	10.4(5.58) 0	0									
metabolism and nutrition disorders	protein deficiency	4					4	24.82(9.12 24.82(9.13 87.66	4.58(3.28)	23.84(10.30	0									
metabolism and nutrition disorders	starvation	3					3	7.18(2.3, 7.18(2.3, 2.15.77	2.83(1.4)	7.11(2.74) 0.009	0.017									
eye disorders	hypoesthesia eye	4	19.15(7.13 19.15(7.19 67.71	4.24(2.96)	18.86(8.250	0														
eye disorders	pupil fixed	4					4	23.47(8.74 23.46(8.8, 84.7	4.53(3.25)	23.12(10.10	0									
eye disorders	eye movement disorder	6					6	8.96(4.01, 8.95(4.01, 42.15	3.15(2.08)	8.91(4.55) 0	0									
eye disorders	vision abnormal neonatal	35					35	55.39(39.1 55.33(38.8 1703.83	5.66(5.17)	50.58(37.80	0									
eye disorders	orbital oedema	3					3	13.85(4.41 13.85(4.44 34.92	3.76(2.32)	13.55(5.2) 0.002	0.003									
reproductive system and breast disorders	adnexal torsion	3	23.72(7.56 23.71(7.61 64	4.54(3.11)	23.27(8.940	0.001														
reproductive system and breast disorders	ovarian mass	3	10.33(3.31 10.33(3.31 25.06	3.36(1.94)	10.25(3.96 0.003	0.011														
reproductive system and breast disorders	vaginal flatulence	5					5	45.88(18.8 45.85(18.9 212.93	5.48(4.3)	44.53(21.10	0									
reproductive system and breast disorders	female genital tract fistula	5					5	19.77(8.18 19.75(8.18 87.88	4.29(3.12)	19.51(9.320	0									
reproductive system and breast disorders	vaginal discharge	5					5	9.37(3.89, 9.36(3.87, 37.13	3.22(2.06)	9.31(4.46) 0	0.001									
skin and subcutaneous tissue disorders	adiposis dolorosa	5	273.12(102.273.04(102.1104.26	7.8(6.53)	222.66(98.0	0														
skin and subcutaneous tissue disorders	needle track marks	4	36.97(13.6 36.97(13.6 135.79	5.17(3.88)	35.89(15.60	0														
skin and subcutaneous tissue disorders	generalised bullous fixed drug eruption	4	36.69(13.5 36.68(13.5 134.73	5.15(3.87)	35.63(15.50	0														
skin and subcutaneous tissue disorders	urticaria thermal	4					4	232.92(81. 232.8(80.7 800.12	7.66(6.29)	201.89(83.0	0									
immune system disorders	secondary amyloidosis	3	48.71(15.3 48.7(15.32 134.72	5.55(4.1)	46.85(17.80	0														
immune system disorders	reaction to excipient	7	15.41(7.31 15.4(7.31, 93.08	3.93(2.92)	15.22(8.160	0														
immune system disorders	anaphylactoid reaction	4					4	8.03(3.01, 8.03(3.01, 24.48	3(1.73)	7.99(3.51) 0.002	0.006									
vascular disorders	foreign body embolism	7	764.83(296.764.52(298.3261.89	8.87(7.68)	467.59(2110	0														
vascular disorders	arterial insufficiency	3	97.43(30.0 97.41(30.0 264.79	6.49(5.01)	90.18(33.60	0														
vascular disorders	vein collapse	7	37.06(17.4 37.05(17.5 238.18	5.17(4.15)	35.97(19.10	0														
renal and urinary disorders	urinary tract discomfort	4	41.8(15.42 41.79(15.3 153.89	5.34(4.05)	40.42(17.50															

general disorders and administration site conditions	feeling of relaxation	5	14(5.79, 3: 13.99(5.79 59.47	3.79(2.62) 13.81(6.6) 0	0							
general disorders and administration site conditions	temperature regulation disorder	14	12.28(7.25 12.28(7.23 143.19	3.6(2.87) 12.13(7.81) 0	0							
general disorders and administration site conditions	infusion site mass					3	9.75(3.12, 9.75(3.13, 23.24	3.27(1.84) 9.63(3.71) 0.004	0.01			
general disorders and administration site conditions	pain					1927	8.96(8.55, 8.36(8.04, 12447.87	3.05(2.98) 8.27(7.95) 0	0			
general disorders and administration site conditions	breakthrough pain					8	8.3(4.13, 18.3(4.1, 1650.76	3.04(2.09) 8.21(4.58) 0	0			
psychiatric disorders	substance dependence	43	222.9(159. 222.59(159 7704.58	7.5(7.03) 180.98(137.0	0	25	57.2(38.05 57.14(37.8 1276.07	5.73(5.15) 52.95(37.60	0			
psychiatric disorders	learning disability	136	71.2(59.8, 70.9(59.43 8729.72	6.05(5.8) 66.1(57.12) 0	0	200	51.13(44.250.74(44.29101.24	5.57(5.36) 47.41(42.00	0			
psychiatric disorders	self esteem inflated	3	58.96(18.3 58.95(18.5 161.04	5.8(4.33) 55.61(20.90) 0	0	4	43.61(15.843.6(15.73 156.85	5.36(4.05) 41.13(17.60	0			
psychiatric disorders	drug dependence	3026	55.81(53.7 50.49(48.5 139768.08	5.59(5.53) 48.03(46.50) 0	0	3813	39.11(37.733.41(32.1 115030.54	5(4.95) 31.95(31.00	0			
psychiatric disorders	substance abuse	104	39.52(32.4 39.39(32.3 3738.83	5.24(4.96) 37.88(32.10) 0	0	157	27.19(23.1 27.03(23.1 3792.25	4.7(4.47) 26.08(22.80	0			
psychiatric disorders	emotional distress	1626	30.9(29.37 29.34(28.2 43269	4.83(4.76) 28.5(27.32) 0	0	1779	27.02(25.725.2(24.23 40045.32	4.61(4.54) 24.37(23.30	0			
psychiatric disorders	self esteem decreased	38	31.28(22.6 31.25(22.8 1077.61	4.92(4.46) 30.29(23.10) 0	0	30	21.03(14.6 21(14.47, 1555.13	4.35(3.84) 20.43(15.00	0			
psychiatric disorders	substance use disorder	12	24.49(13.8 24.48(13.8 263.54	4.58(3.78) 23.9(14.79) 0	0	26	17.85(12.0 17.83(12.0 403.01	4.12(3.57) 17.42(12.50	0			
psychiatric disorders	somatic symptom disorder					4	10.42(3.88 10.42(3.91 33.57	3.36(2.09) 10.28(4.5) 0.001	0.002			
psychiatric disorders	post-traumatic stress disorder					28	9.45(6.51, 9.44(6.5, 1208.49	3.22(2.69) 9.33(6.83) 0	0			
psychiatric disorders	suicidal behaviour					18	8.78(5.52, 8.78(5.49, 122.54	3.12(2.46) 8.68(5.88) 0	0			
psychiatric disorders	euphoric mood					44	8.45(6.27, 8.44(6.29, 285.02	3.06(2.64) 8.35(6.51) 0	0			
psychiatric disorders	sexually inappropriate behaviour					3	7.67(2.46, 7.67(2.46, 17.23	2.93(1.5) 7.6(2.93) 0.008	0.017			
psychiatric disorders	drug abuse					373	6.91(6.24, 6.83(6.19, 1841.37	2.76(2.61) 6.77(6.21) 0	0			
psychiatric disorders	mental disorder					137	6.75(5.7, 7.6.72(5.63, 661.41	2.74(2.49) 6.67(5.79) 0	0			
psychiatric disorders	alcohol abuse					13	6.18(3.58, 6.18(3.57, 55.93	2.62(1.86) 6.13(3.88) 0	0			
nervous system disorders	judgement impaired	13	18.97(10.9 18.97(10.9 216.96	4.22(3.45) 18.62(11.70) 0	0	6	6.66(2.98, 6.66(2.98, 28.61	2.72(1.65) 6.61(3.37) 0	0.001			
nervous system disorders	unresponsive to stimuli	139	11.89(10.0 11.84(9.93 1362.79	3.55(3.31) 11.7(10.17) 0	0	98	6.91(5.66, 6.88(5.66, 488.38	2.77(2.49) 6.83(5.78) 0	0			
nervous system disorders	reversible ischaemic neurological deficit	3	62.8(19.53 62.79(19.3 171.26	5.88(4.41) 59.01(22.20) 0	0							
nervous system disorders	pseudostroke	4	40.55(14.9 40.54(14.9 148.03	5.28(3.99) 38.94(16.80) 0	0							
nervous system disorders	toxic leukoencephalopathy	7	25.25(11.9 25.24(11.9 158.82	4.62(3.61) 24.62(13.10) 0	0							
nervous system disorders	hypertensive encephalopathy	5	16.16(6.68 16.16(6.69 69.91	3.99(2.83) 15.9(7.59) 0	0							
nervous system disorders	cholinergic syndrome	3	11.84(3.79 11.84(3.8, 29.41	3.55(2.12) 11.71(4.52) 0.002	0.007							
nervous system disorders	hyporesponsive to stimuli	5	10.18(4.22 10.18(4.21 40.95	3.33(2.17) 10.08(4.82) 0	0.001							
nervous system disorders	chanter syndrome					4	123.24(42. 123.22(42. 413.09	6.72(5.34) 105.12(43.0	0			
nervous system disorders	central pain syndrome					3	33.74(10.6 33.74(10.6 90.98	5.01(3.56) 32.25(12.20	0			
nervous system disorders	hyperaesthesia					53	15.01(11.4 14.99(11.3 677.52	3.88(3.49) 14.7(11.7) 0	0			
nervous system disorders	arachnoiditis					4	12.27(4.57 12.27(4.61 40.7	3.59(2.32) 12.08(5.28) 0	0.001			
nervous system disorders	psychomotor skills impaired					15	9.21(5.54, 9.21(5.53, 108.37	3.19(2.47) 9.1(5.94) 0	0			
nervous system disorders	allodynia					3	7.87(2.52, 7.87(2.53, 17.8	2.96(1.54) 7.8(3.01) 0.007	0.016			
nervous system disorders	sleep deficit					6	6.91(3.09, 6.91(3.09, 30.05	2.78(1.7) 6.86(3.5) 0	0.001			
nervous system disorders	seizure like phenomena					5	6.57(2.72, 6.57(2.72, 23.41	2.71(1.54) 6.52(3.12) 0.001	0.003			
surgical and medical procedures	fluid replacement	3	16.6(5.3, 5 16.6(5.33, 43.24	4.03(2.6) 16.34(6.29) 0.001	0.003	3	19.15(6.08 19.15(6.02 50.25	4.22(2.78) 18.67(7.15) 0.001	0.002			
surgical and medical procedures	life support	3	10.7(3.43, 10.7(3.43, 26.09	3.4(1.98) 10.59(4.09) 0.003	0.009	3	9.53(3.05, 9.53(3.06, 22.61	3.24(1.81) 9.42(3.63) 0.004	0.01			
surgical and medical procedures	palliative sedation	3	577.76(131 577.71(131 1079.45	8.5(6.8) 361.44(107.0	0							
surgical and medical procedures	coccygectomy	3	361.1(95.7 361.07(95. 783.42	8.04(6.41) 262.87(86.0	0							
surgical and medical procedures	rest regimen	4	296.3(96.6 296.26(96. 900.1	7.83(6.4) 226.79(88.0	0							
surgical and medical procedures	therapeutic embolisation	4	30.57(11.3 30.57(11.2 110.88	4.89(3.6) 29.66(12.80) 0	0							
surgical and medical procedures	oxygen therapy	13	16.56(9.57 16.56(9.57 186.82	4.03(3.26) 16.29(10.30) 0	0							
surgical and medical procedures	sleep disorder therapy					3	28.34(8.94 28.34(8.92 76.09	4.77(3.32) 27.29(10.30	0.001			
surgical and medical procedures	drug therapy					4	27.26(10.0 27.25(10.0 97.41	4.72(3.42) 26.28(11.30	0			
surgical and medical procedures	analgesic therapy					4	25.31(9.33 25.31(9.31 90.16	4.61(3.32) 24.47(10.60	0			
surgical and medical procedures	drug detoxification					5	8.42(3.48, 8.41(3.48, 32.29	3.06(1.9) 8.33(3.98) 0	0.001			
surgical and medical procedures	intensive care					5	7.7(3.19, 17.7(3.19, 128.84	2.93(1.77) 7.63(3.65) 0.001	0.002			
respiratory, thoracic and mediastinal disorders	apnoeic attack	6	27.91(12.4 27.91(12.5 151.28	4.76(3.68) 27.15(13.70) 0	0	9	25.62(13.1 25.61(13.1 205.42	4.63(3.72) 24.75(14.10	0			
respiratory, thoracic and mediastinal disorders	respiratory depression	75	16.03(12.7 15.99(12.6 1036.92	3.98(3.65) 15.75(13.00) 0	0	101	13.86(11.3 13.81(11.3 1177.25	3.76(3.48) 13.56(11.50	0			
respiratory, thoracic and mediastinal disorders	diaphragmatic paralysis	5	20.84(8.59 20.84(8.63 92.44	4.35(3.18) 20.42(9.73) 0	0							
respiratory, thoracic and mediastinal disorders	pulmonary vascular disorder	4	20.17(7.49 20.16(7.42 71.36	4.31(3.02) 19.77(8.63) 0	0							
respiratory, thoracic and mediastinal disorders	pneumothorax spontaneous	3	12.9(4.13, 12.9(4.14, 32.48	3.67(2.24) 12.74(4.91) 0.002	0.006							
respiratory, thoracic and mediastinal disorders	hypopnoea	18	10.25(6.44 10.25(6.4, 148.67	3.34(2.69) 10.15(6.88) 0	0							
respiratory, thoracic and mediastinal disorders	chylothorax					4	8.86(3.3, 28.86(3.33, 27.54	3.13(1.86) 8.76(3.84) 0.001	0.003			
respiratory, thoracic and mediastinal disorders	apnoea					30	6.88(4.8, 9.6.88(4.83, 149.24	2.77(2.26) 6.82(5.05) 0	0			
respiratory, thoracic and mediastinal disorders	hypercapnia					11	6.57(3.63, 6.57(3.65, 51.43	2.7(1.88) 6.51(3.96) 0	0			
respiratory, thoracic and mediastinal disorders	infantile apnoea					3	6.5(2.09, 2.6.5(2.09, 213.84	2.69(1.27) 6.45(2.49) 0.012	0.025			
respiratory, thoracic and mediastinal disorders	snoring					13	6.26(3.62, 6.25(3.61, 56.87	2.63(1.87) 6.21(3.93) 0	0			
congenital, familial and genetic disorders	spina bifida	9	13.72(7.1, 13.71(7.04 104.57	3.76(2.86) 13.53(7.8) 0	0	10	12.46(6.67 12.45(6.65 103.51	3.62(2.75) 12.25(7.26) 0	0			
congenital, familial and genetic disorders	congenital anomaly	21	10.5(6.83, 10.49(6.82 178.42	3.38(2.77) 10.39(7.25) 0	0	32	10.44(7.36 10.43(7.33 268.88	3.36(2.87) 10.29(7.68) 0	0			
congenital, familial and genetic disorders	hypermobility syndrome	6	22.14(9.85 22.13(9.91 118.36	4.44(3.35) 21.66(11) 0	0							
congenital, familial and genetic disorders	multiple congenital abnormalities	7	15.01(7.12 15.01(7.13 90.14	3.89(2.88) 14.8(7.92) 0	0							
congenital, familial and genetic disorders	congenital hearing disorder					4	39.37(14.3 39.36(14.4 141.68	5.22(3.92) 37.34(16.00	0			
congenital, familial and genetic disorders	congenital choroid plexus cyst					4	31.15(11.4 31.14(11.4 111.79	4.9(3.6) 29.88(12.90	0			

general disorders and administration site conditions	catheter site granuloma	4	174.47(57.174.46(57.536.55	7.09(5.67) 135.91(53.0	0	3	92.67(27.192.66(26.9229.06	6.29(4.74) 78.19(27.80	0
general disorders and administration site conditions	injection site granuloma	9	53.36(27.53.35(26.8425.2	5.62(4.69) 49.15(27.70	0	14	133.1(73.7133.05(73.1445.6	6.71(5.91) 105.04(64.0	0
general disorders and administration site conditions	implant site extravasation	9	16.12(8.31 16.12(8.28 124.32	3.98(3.07) 15.73(9.040	0				
general disorders and administration site conditions	implant site discharge	5	13.75(5.67 13.75(5.69 57.82	3.75(2.58) 13.47(6.420	0				
general disorders and administration site conditions	haemorrhagic cyst	5	12.78(5.27 12.77(5.29 53.15	3.65(2.48) 12.53(5.970	0				
general disorders and administration site conditions	infusion site granuloma					4	219.66(67.219.64(67.602.7	7.25(5.78) 152.36(56.0	0
general disorders and administration site conditions	medical device site erythema					3	28.51(8.9, 28.51(8.97 75.29	4.76(3.29) 27.01(10.20	0.001
general disorders and administration site conditions	brain death					20	8.62(5.54, 8.62(5.49, 132.36	3.09(2.46) 8.49(5.86) 0	0
respiratory, thoracic and mediastinal disorders	acute chest syndrome	31	53.2(36.85 53.17(36.6 1459.77	5.61(5.09) 48.99(36.00	0	30	42.76(29.442.72(29.4 1125.19	5.3(4.77) 39.4(28.840	0
respiratory, thoracic and mediastinal disorders	bradypnoea	26	15.01(10.1 15.01(10.1 331.73	3.87(3.32) 14.67(10.50	0	26	12.32(8.34 12.31(8.32 263.55	3.59(3.04) 12.03(8.690	0
respiratory, thoracic and mediastinal disorders	respiratory arrest	196	9.69(8.41, 9.66(8.42, 1498.14	3.25(3.05) 9.52(8.46) 0	0	181	8.04(6.94, 8(6.97, 9.1 1092.38	2.98(2.77) 7.89(6.98) 0	0
respiratory, thoracic and mediastinal disorders	paranasal cyst	6	30.03(13.230.03(13.1 160.49	4.84(3.74) 28.67(14.40	0				
respiratory, thoracic and mediastinal disorders	obliterative bronchiolitis	12	14.04(7.92 14.04(7.95 142.03	3.78(2.99) 13.74(8.510	0				
respiratory, thoracic and mediastinal disorders	respiratory paralysis					4	30.41(11.030.41(10.9 107.18	4.84(3.53) 28.71(12.30	0
respiratory, thoracic and mediastinal disorders	pneumonitis aspiration					3	13.24(4.21 13.24(4.17 33.05	3.69(2.25) 12.92(4.950.002	0.005
respiratory, thoracic and mediastinal disorders	hypoventilation					24	9.81(6.55, 9.8(6.49, 1186.02	3.27(2.7) 9.63(6.87) 0	0
respiratory, thoracic and mediastinal disorders	respiratory acidosis					26	8.63(5.86, 8.63(5.83, 172.38	3.09(2.54) 8.5(6.14) 0	0
respiratory, thoracic and mediastinal disorders	irregular breathing					3	8.19(2.62, 8.19(2.63, 18.63	3.01(1.58) 8.07(3.11) 0.006	0.016
respiratory, thoracic and mediastinal disorders	asphyxia					52	8.08(6.14, 8.07(6.13, 316.88	2.99(2.6) 7.95(6.32) 0	0
injury, poisoning and procedural	sedation complication	39	21.57(15.621.55(15.7 738.26	4.38(3.93) 20.85(15.90	0	20	14.59(9.35 14.58(9.29 245.69	3.83(3.2) 14.19(9.780	0
injury, poisoning and procedural	accidental overdose	219	9.04(7.91, 9(7.85, 10. 1535.99	3.15(2.96) 8.89(7.95) 0	0	251	9.9(8.74, 19.84(8.75, 1955.95	3.27(3.09) 9.67(8.71) 0	0
injury, poisoning and procedural	obstetric procedure complication	6	146.56(60. 146.54(60. 699.44	6.89(5.71) 118.37(56.0	0				
injury, poisoning and procedural	thermal burns of eye	3	20.82(6.59 20.82(6.55 54.73	4.33(2.89) 20.16(7.7) 0	0.002				
injury, poisoning and procedural	environmental exposure	3	19.49(6.17 19.49(6.13 50.99	4.24(2.8) 18.92(7.230.001	0.002				
injury, poisoning and procedural	exposure to contaminated device	4	16.62(6.15 16.62(6.12 57.15	4.02(2.73) 16.2(7.06) 0	0.001				
injury, poisoning and procedural	procedural hypotension	10	14.3(7.64, 14.3(7.64, 120.87	3.81(2.94) 14(8.28) 0	0				
injury, poisoning and procedural	documented hypersensitivity to administered produ	9	13.84(7.15 13.84(7.11 104.86	3.76(2.86) 13.56(7.8) 0	0				
injury, poisoning and procedural	maternal exposure during delivery	13	12.83(7.41 12.82(7.41 138.81	3.65(2.89) 12.58(7.940	0				
injury, poisoning and procedural	carbon monoxide poisoning	3	9.16(2.93, 9.16(2.94, 21.48	3.18(1.75) 9.04(3.48) 0.005	0.013				
injury, poisoning and procedural	drug monitoring procedure incorrectly performed					6	17.34(7.68 17.34(7.61 89.25	4.07(2.98) 16.79(8.490	0
injury, poisoning and procedural	poisoning					109	10.95(9.06 10.92(8.98 961.47	3.42(3.15) 10.71(9.130	0
infections and infestations	meningitis herpes	4	23.95(8.82 23.95(8.81 84.63	4.53(3.23) 23.08(10) 0	0				
infections and infestations	lupus vulgaris	13	14.68(8.47 14.67(8.47 161.75	3.84(3.08) 14.35(9.060	0				
infections and infestations	retinitis	15	13.16(7.89 13.16(7.91 164.98	3.69(2.97) 12.9(8.41) 0	0				
infections and infestations	herpes zoster oticus	4	10.39(3.87 10.39(3.9, 33.39	3.36(2.08) 10.24(4.480.001	0.003				
infections and infestations	lymph gland infection	4	9.32(3.47, 9.32(3.5, 229.27	3.2(1.92) 9.2(4.03) 0.001	0.004				
infections and infestations	pseudomonas bronchitis					3	59.31(17.9 59.3(17.94 153.53	5.73(4.22) 53.06(19.40	0
infections and infestations	herpes simplex meningoencephalitis					3	47.83(14.647.82(14.7 125.4	5.45(3.96) 43.69(16.20	0
infections and infestations	whipple's disease					4	10.4(3.86, 10.4(3.83, 33.3	3.35(2.07) 10.21(4.460.001	0.002
infections and infestations	herpes simplex encephalitis					3	9.32(2.98, 9.32(2.99, 21.88	3.2(1.77) 9.17(3.53) 0.005	0.012
infections and infestations	lower respiratory tract infection fungal					3	8.93(2.85, 8.93(2.87, 20.75	3.14(1.71) 8.79(3.38) 0.005	0.013
surgical and medical procedures	detoxification	5	20.77(8.52 20.77(8.6, 90.99	4.33(3.15) 20.12(9.540	0	3	9.75(3.11, 9.75(3.13, 23.11	3.26(1.83) 9.58(3.68) 0.004	0.011
surgical and medical procedures	euthanasia	3	15.52(4.94 15.52(4.98 39.75	3.92(2.49) 15.16(5.810.001	0.004				
surgical and medical procedures	patient restraint					3	32.23(10.0 32.23(9.94 85.22	4.92(3.45) 30.32(11.40	0.001
surgical and medical procedures	drug rehabilitation					4	26.36(9.64 26.36(9.7, 92.64	4.65(3.34) 25.07(10.80	0
surgical and medical procedures	self-medication					37	10.54(7.61 10.53(7.55 312.59	3.37(2.91) 10.33(7.870	0
surgical and medical procedures	finger amputation					6	10.05(4.48 10.05(4.5, 47.93	3.3(2.22) 9.87(5.02) 0	0
gastrointestinal disorders	oesophageal motility disorder	5	17.35(7.13 17.35(7.18 74.89	4.08(2.91) 16.9(8.03) 0	0				
gastrointestinal disorders	trichoglossia	4	13.96(5.18 13.96(5.14 47.04	3.77(2.49) 13.67(5.960	0.001				
gastrointestinal disorders	oral discharge	3	9.07(2.9, 29.07(2.91, 21.22	3.16(1.73) 8.95(3.45) 0.005	0.014				
eye disorders	pupillary reflex impaired	18	13.14(8.23 13.13(8.2, 197.49	3.69(3.03) 12.88(8.710	0	20	14.37(9.21 14.37(9.16 241.69	3.81(3.18) 13.99(9.640	0
eye disorders	pupil fixed	17	12.36(7.65 12.36(7.72 173.94	3.6(2.93) 12.13(8.120	0	15	11.08(6.64 11.08(6.66 134.55	3.44(2.73) 10.86(7.080	0
eye disorders	lid sulcus deepened					3	15.13(4.8, 15.13(4.76 38.41	3.88(2.44) 14.71(5.620.001	0.004
congenital, familial and genetic disorders	foetal megacystis	3	228.99(60. 228.98(60. 495.23	7.38(5.75) 166.8(54.90	0				
congenital, familial and genetic disorders	vascular malformation	6	39.4(17.26 39.39(17.2 210.91	5.21(4.11) 37.07(18.50	0				
congenital, familial and genetic disorders	congenital pulmonary hypertension	3	21.81(6.89 21.81(6.86 57.51	4.4(2.95) 21.09(8.050	0.002				
congenital, familial and genetic disorders	ductus arteriosus premature closure	3	13.47(4.29 13.47(4.32 33.88	3.72(2.29) 13.2(5.07) 0.002	0.005				
congenital, familial and genetic disorders	newborn persistent pulmonary hypertension					4	23.54(8.63 23.53(8.66 82.38	4.49(3.19) 22.51(9.720	0
skin and subcutaneous tissue disorders	pruritus allergic	13	10.88(6.28 10.87(6.28 114.52	3.42(2.66) 10.7(6.76) 0	0				
skin and subcutaneous tissue disorders	chronic spontaneous urticaria	10	10.85(5.8, 10.85(5.79 87.82	3.42(2.56) 10.67(6.330	0				
reproductive system and breast disorders	female reproductive tract disorder	4	16.39(6.07 16.39(6.03 56.3	4(2.71) 15.99(6.970	0.001				
reproductive system and breast disorders	perineal pain					4	7.78(2.9, 27.78(2.92, 23.28	2.94(1.66) 7.68(3.36) 0.002	0.006
renal and urinary disorders	urinary bladder rupture	4	20.19(7.46 20.19(7.43 70.61	4.29(3) 19.57(8.5) 0	0				

renal and urinary disorders	nephrosclerosis	10	12.19(6.52 12.19(6.51 100.69	3.58(2.72) 11.97(7.09) 0								
renal and urinary disorders	bladder neck obstruction					4	22.72(8.34 22.72(8.36 79.41	4.44(3.15) 21.77(9.41) 0				0
neoplasms benign, malignant and unspecified (incl cysts and polyps)	systemic mastocytosis	4	19.23(7.11 19.23(7.08 67.02	4.22(2.93) 18.67(8.12) 0		3	16.66(5.27 16.66(5.24 42.71	4.01(2.57) 16.15(6.17) 0.001				0.003
neoplasms benign, malignant and unspecified (incl cysts and polyps)	neuroendocrine tumour of the lung	3	39.82(12.3 39.82(12.2 106.59	5.23(3.76) 37.45(14.0) 0								
neoplasms benign, malignant and unspecified (incl cysts and polyps)	metastases to eye	6	33.93(14.9 33.92(14.8 181.62	5.01(3.91) 32.19(16.1) 0								
cardiac disorders	rhythm idioventricular	4	17.83(6.6, 17.83(6.56 61.73	4.12(2.83) 17.35(7.55) 0								
cardiac disorders	cardiovascular symptom	3	10.41(3.32 10.41(3.34 25.08	3.36(1.93) 10.25(3.94) 0.003								
cardiac disorders	myocardial fibrosis					7	8.92(4.22, 8.92(4.24, 48.32	3.13(2.12) 8.78(4.69) 0				0
vascular disorders	neonatal hypotension					5	18.86(7.72 18.86(7.66 81.47	4.19(3.01) 18.21(8.62) 0				0
vascular disorders	visceral congestion					8	15.33(7.58 15.32(7.57 103.89	3.9(2.94) 14.89(8.27) 0				0
immune system disorders	drug hypersensitivity	5372	31.77(30.8 28.41(27.8 136291.89	4.77(4.72) 27.19(26.5) 0		1430	20.08(19.0 19.33(18.2 23975.33	4.22(4.14) 18.64(17.8) 0				0
immune system disorders	contrast media allergy	24	16.91(11.2 16.9(11.2, 349.42	4.04(3.47) 16.47(11.7) 0								
endocrine disorders	hypogonadism male					19	46.74(29.2 46.71(29.1 776.57	5.42(4.76) 42.77(28.8) 0				0
endocrine disorders	carcinoid crisis					4	23.82(8.73 23.82(8.77 83.41	4.51(3.21) 22.77(9.83) 0				0
musculoskeletal and connective tissue	seronegative arthritis	8	9.89(4.92, 9.89(4.88, 62.9	3.28(2.33) 9.75(5.43) 0								
hepatobiliary disorders	sphincter of oddi dysfunction	15	35.93(21.3 35.92(21.1 480.9	5.09(4.36) 33.98(21.9) 0		9	49.99(25.1 49.97(25.1 392.28	5.51(4.57) 45.48(25.6) 0				0

morphine stulfa

soc_english		morphine sulfate female				morphine sulfate male					
pt_english		Case	Repo	ROR(95% PRR(95% chisq	IC(IC025) EBGM(EE p.value	p.adj	Case	Repo	ROR(95% PRR(95% chisq	IC(IC025) EBGM(EE p.value	p.adj
investigations	postmortem blood drug level abnormal	7	24.15(11.3 24.15(11.2 149.42	4.54(3.52) 23.27(12.3) 0		4	9.55(3.55, 9.55(3.58, 30.04	3.23(1.95) 9.39(4.1) 0.001			0.003
investigations	opiates positive										
investigations	postmortem blood drug level increased	6	13.57(6.04 13.57(6.08 68.34	3.73(2.65) 13.3(6.76) 0		15	28.2(16.76 28.19(16.6 372.1	4.74(4.01) 26.72(17.2) 0			0
investigations	toxicologic test abnormal	68	29.22(22.9 29.18(23.0 1766.16	4.8(4.45) 27.89(22.7) 0		47	19.94(14.9 19.92(14.8 811.92	4.26(3.85) 19.19(15.0) 0			0
investigations	respiratory rate decreased										
investigations	drug screen negative										
investigations	chest expansion decreased										
investigations	breath sounds absent										
investigations	antidepressant drug level above therapeutic										
investigations	vital functions abnormal										
investigations	corneal reflex decreased										
investigations	pco2 increased	5	9.54(3.94, 9.54(3.95, 37.64	3.23(2.07) 9.41(4.49) 0	0.001	12	20.6(11.56 20.59(11.6 214.73	4.31(3.51) 19.81(12.2) 0			0
investigations	antasthmatic drug level										
investigations	analgesic drug level										
investigations	postmortem blood drug level										
investigations	oxygen saturation										
investigations	forced vital capacity decreased										
investigations	inspiratory capacity decreased										
investigations	glomerular filtration rate increased										
investigations	pulmonary function test abnormal										
investigations	drug specific antibody										
investigations	pulse absent										
injury, poisoning and procedural	anaesthetic complication neurological										
injury, poisoning and procedural	postoperative ileus										
injury, poisoning and procedural	overdose					1288	7.94(7.51, 7.7(7.26, 87426.21	2.93(2.84) 7.6(7.25) 0			0
injury, poisoning and procedural	foetal exposure during pregnancy										
injury, poisoning and procedural	decompression sickness										
injury, poisoning and procedural	vascular access site thrombosis										
injury, poisoning and procedural	ocular procedural complication										
injury, poisoning and procedural	product name confusion										
injury, poisoning and procedural	labelled drug-drug interaction issue										
injury, poisoning and procedural	post procedural discharge										
injury, poisoning and procedural	post-traumatic pain										
injury, poisoning and procedural	spinal shock										
injury, poisoning and procedural	febrile nonhaemolytic transfusion reaction										
injury, poisoning and procedural	paternal exposure timing unspecified										
injury, poisoning and procedural	transfusion-related acute lung injury										
injury, poisoning and procedural	alcohol poisoning					22	8.36(5.49, 8.36(5.54, 140.12	3.04(2.45) 8.23(5.79) 0			0
injury, poisoning and procedural	exposure to toxic agent	31	14.32(10.0 14.31(10.0 374.93	3.81(3.3) 14(10.39) 0	0	65	36.61(28.4 36.54(28.3 2092.5	5.09(4.73) 34.1(27.6) 0			0
injury, poisoning and procedural	exposure via father										
general disorders and administration site conditions	drug withdrawal syndrome neonatal	103	13.91(11.4 13.88(11.4 1204.22	3.77(3.48) 13.6(11.55) 0							
general disorders and administration site conditions	developmental delay	60	11.76(9.11 11.75(9.11 578.8	3.53(3.16) 11.54(9.32) 0							
general disorders and administration site conditions	drug withdrawal syndrome	720	10.78(10.0 10.64(9.84 6189.25	3.39(3.28) 10.47(9.84) 0		826	10.82(10.0 10.6(9.99, 7042.78	3.38(3.28) 10.39(9.81) 0			0
general disorders and administration site conditions	accidental death	14	14.2(8.36, 14.2(8.36, 167.89	3.8(3.06) 13.9(8.92) 0	0	37	19.92(14.3 19.9(14.26 638.36	4.26(3.79) 19.17(14.5) 0			0

general disorders and administration site conditions	drug tolerance	38	10.48(7.61 10.48(7.66 320.22	3.37(2.91) 10.32(7.89 0	0	38	10.23(7.42 10.22(7.47 309.6	3.33(2.87) 10.03(7.67 0	0
general disorders and administration site conditions	inadequate analgesia	79	11.29(9.04 11.28(9.09 726.48	3.47(3.15) 11.09(9.2) 0	0	100	14.95(12.2 14.91(12.2 1259.7	3.86(3.57) 14.5(12.27 0	0
general disorders and administration site conditions	foreign body reaction								
general disorders and administration site conditions	fat tissue decreased								
general disorders and administration site conditions	drug tolerance increased	7	13.88(6.56 13.88(6.59 81.79	3.76(2.75) 13.59(7.26 0	0	13	17.95(10.3 17.95(10.3 200.73	4.12(3.35) 17.35(10.90	0
general disorders and administration site conditions	administration site bruise								
general disorders and administration site conditions	administration site swelling								
general disorders and administration site conditions	administration site erythema	4	15.08(5.59 15.08(5.55 51.31	3.88(2.6) 14.74(6.43 0	0.001				
general disorders and administration site conditions	feeling of relaxation								
general disorders and administration site conditions	temperature regulation disorder								
general disorders and administration site conditions	infusion site mass								
general disorders and administration site conditions	pain								
general disorders and administration site conditions	breakthrough pain					18	13.22(8.28 13.22(8.26 197.99	3.69(3.03) 12.9(8.72) 0	0
psychiatric disorders	substance dependence	44	145.35(10. 145.22(10. 5091.32	6.88(6.42) 117.51(89. 0	0	52	90.93(67.690.8(67.67 3901.57	6.26(5.85) 76.86(60.00	0
psychiatric disorders	learning disability	54	17.11(13.0 17.09(12.9 795.96	4.06(3.67) 16.65(13.2 0	0	71	12.03(9.5, 12.01(9.49 699.59	3.55(3.22) 11.75(9.64 0	0
psychiatric disorders	self esteem inflated								
psychiatric disorders	drug dependence	1588	16.91(16.0 16.4(15.46 22402.07	4(3.93) 15.99(15.3 0	0	2233	14.19(13.5 13.39(12.8 25034.16	3.71(3.64) 13.06(12.50	0
psychiatric disorders	substance abuse	188	46.88(40.4 46.7(39.92 7811.28	5.44(5.23) 43.45(38.3 0	0	286	35.73(31.6 35.46(31.5 8938.06	5.05(4.88) 33.15(29.90	0
psychiatric disorders	emotional distress					933	9.28(8.69, 9.07(8.55, 6593.8	3.16(3.06) 8.92(8.44) 0	0
psychiatric disorders	self esteem decreased	18	9.23(5.8, 19.23(5.77, 130.1	3.19(2.53) 9.11(6.17) 0	0	18	8.69(5.45, 8.69(5.43, 120.33	3.1(2.44) 8.55(5.79) 0	0
psychiatric disorders	substance use disorder								
psychiatric disorders	somatic symptom disorder								
psychiatric disorders	post-traumatic stress disorder								
psychiatric disorders	suicidal behaviour								
psychiatric disorders	euphoric mood								
psychiatric disorders	sexually inappropriate behaviour					6	10.82(4.82 10.82(4.84 52.34	3.41(2.33) 10.61(5.39 0	0
psychiatric disorders	drug abuse	764	16.49(15.3 16.24(15.0 10657.23	3.99(3.88) 15.85(14.90	0	1051	14.03(13.1 13.66(12.8 12021.74	3.74(3.65) 13.32(12.60	0
psychiatric disorders	mental disorder								
psychiatric disorders	alcohol abuse								
nervous system disorders	judgement impaired	15	13.92(8.35 13.92(8.36 175.87	3.77(3.05) 13.63(8.88 0	0	12	9.39(5.3, 19.38(5.31, 88.21	3.21(2.41) 9.23(5.72) 0	0
nervous system disorders	unresponsive to stimuli								
nervous system disorders	reversible ischaemic neurological deficit								
nervous system disorders	pseudostroke								
nervous system disorders	toxic leukoencephalopathy	5	11.35(4.69 11.35(4.7, 46.33	3.48(2.31) 11.16(5.32 0	0	18	33.84(20.9 33.82(21.1 536.62	4.99(4.32) 31.72(21.20	0
nervous system disorders	hypertensive encephalopathy								
nervous system disorders	cholinergic syndrome								
nervous system disorders	hyporesponsive to stimuli								
nervous system disorders	chanter syndrome								
nervous system disorders	central pain syndrome								
nervous system disorders	hyperaesthesia					48	9.46(7.11, 9.45(7.04, 355.78	3.22(2.81) 9.29(7.31) 0	0
nervous system disorders	arachnoiditis					5	10.74(4.43 10.74(4.45 43.24	3.4(2.23) 10.54(5.02 0	0.001
nervous system disorders	psychomotor skills impaired					39	17.07(12.4 17.06(12.4 569.84	4.05(3.59) 16.52(12.60	0
nervous system disorders	allodynia	8	9.99(4.97, 9.99(4.93, 63.68	3.3(2.35) 9.84(5.49) 0	0	14	26.72(15.6 26.71(15.7 328.74	4.67(3.92) 25.39(16.10	0
nervous system disorders	sleep deficit								
nervous system disorders	seizure like phenomena								
surgical and medical procedures	fluid replacement								
surgical and medical procedures	life support								
surgical and medical procedures	palliative sedation								
surgical and medical procedures	coccygectomy								
surgical and medical procedures	rest regimen								
surgical and medical procedures	therapeutic embolisation								
surgical and medical procedures	oxygen therapy								
surgical and medical procedures	sleep disorder therapy								
surgical and medical procedures	drug therapy								
surgical and medical procedures	analgesic therapy								
surgical and medical procedures	drug detoxification								
surgical and medical procedures	intensive care								
respiratory, thoracic and mediastinal disorders	apnoeic attack	4	11.69(4.35 11.69(4.39 38.35	3.52(2.24) 11.49(5.02 0	0.002				

respiratory, thoracic and mediastinal disorders	respiratory depression	198	27.63(23.9 27.52(23.9 4842.83	4.72(4.52)	26.38(23.40)	0	200	19.54(16.9 19.44(16.9 3367	4.23(4.02)	18.74(16.60)	0
respiratory, thoracic and mediastinal disorders	diaphragmatic paralysis										
respiratory, thoracic and mediastinal disorders	pulmonary vascular disorder										
respiratory, thoracic and mediastinal disorders	pneumothorax spontaneous										
respiratory, thoracic and mediastinal disorders	hypopnoea										
respiratory, thoracic and mediastinal disorders	chylothorax										
respiratory, thoracic and mediastinal disorders	apnoea	59	10.7(8.27, 10.68(8.28 509.02	3.39(3.03)	10.52(8.48 0	0	55	8.88(6.8, 18.87(6.74, 377.08	3.13(2.74)	8.73(6.98) 0	0
respiratory, thoracic and mediastinal disorders	hypercapnia	24	11.42(7.62 11.41(7.56 223.84	3.49(2.92)	11.22(8) 0	0					
respiratory, thoracic and mediastinal disorders	infantile apnoea										
respiratory, thoracic and mediastinal disorders	snoring										
congenital, familial and genetic disorders	spina bifida										
congenital, familial and genetic disorders	congenital anomaly										
congenital, familial and genetic disorders	hypermobility syndrome										
congenital, familial and genetic disorders	multiple congenital abnormalities										
congenital, familial and genetic disorders	congenital hearing disorder										
congenital, familial and genetic disorders	congenital choroid plexus cyst										
congenital, familial and genetic disorders	kidney duplex										
congenital, familial and genetic disorders	congenital megaureter										
congenital, familial and genetic disorders	congenital hydronephrosis										
infections and infestations	extradural abscess										
infections and infestations	vascular access site infection										
infections and infestations	human immunodeficiency virus transmission										
infections and infestations	lower respiratory tract infection viral						5	16.26(6.67 16.26(6.73 69.31	3.98(2.8)	15.77(7.48 0	0
infections and infestations	virologic failure										
infections and infestations	spinal cord infection										
infections and infestations	respiratory tract infection bacterial										
infections and infestations	systemic infection										
gastrointestinal disorders	narcotic bowel syndrome	5	41.83(16.9 41.82(16.9 186.46	5.29(4.1)	39.21(18.30)	0	3	24.71(7.75 24.71(7.77 65	4.56(3.1)	23.58(8.94 0	0.001
gastrointestinal disorders	abdominal compartment syndrome										
gastrointestinal disorders	intestinal pseudo-obstruction	10	27.89(14.8 27.88(14.8 247.86	4.74(3.87)	26.71(15.70)	0					
gastrointestinal disorders	faecal vomiting										
gastrointestinal disorders	appendicolith										
gastrointestinal disorders	gastrointestinal tract irritation										
skin and subcutaneous tissue disorders	adiposis dolorosa										
skin and subcutaneous tissue disorders	urticaria thermal										
skin and subcutaneous tissue disorders	needle track marks						7	29.57(13.7 29.57(13.7 182.3	4.8(3.77)	27.95(14.70)	0
skin and subcutaneous tissue disorders	skin ulcer haemorrhage										
skin and subcutaneous tissue disorders	generalised bullous fixed drug eruption										
neoplasms benign, malignant and unspecified (incl cysts and polyps)	brain stem glioma										
neoplasms benign, malignant and unspecified (incl cysts and polyps)	malignant cranial nerve neoplasm										
neoplasms benign, malignant and unspecified (incl cysts and polyps)	retro-orbital neoplasm										
neoplasms benign, malignant and unspecified (incl cysts and polyps)	neuroblastoma recurrent										
eye disorders	vision abnormal neonatal	11	39.06(21.2 39.05(21.2 383.32	5.2(4.36)	36.76(22.00)	0	8	19.97(9.85 19.97(9.86 138.54	4.27(3.3)	19.23(10.60)	0
eye disorders	orbital oedema										
eye disorders	hypoaesthesia eye										
eye disorders	miosis	103	22.97(18.8 22.92(18.8 2081.32	4.47(4.19)	22.13(18.70)	0	114	16.1(13.36 16.05(13.1 1559.04	3.96(3.69)	15.58(13.30)	0
vascular disorders	foreign body embolism										
vascular disorders	vein collapse										
vascular disorders	arterial insufficiency										
musculoskeletal and connective tissue disorders	rib deformity										
musculoskeletal and connective tissue disorders	dupuytren's contracture										
musculoskeletal and connective tissue disorders	costochondritis										
immune system disorders	secondary amyloidosis										
immune system disorders	allergy to metals										
immune system disorders	allergy to chemicals										
reproductive system and breast disorders	vaginal flatulence	5	13.51(5.57 13.51(5.59 56.66	3.73(2.56)	13.24(6.31 0	0					
reproductive system and breast disorders	adnexal torsion										
renal and urinary disorders	renal artery thrombosis										
renal and urinary disorders	urinary tract discomfort										
pregnancy, puerperium and perinatal disorders	stillbirth										
metabolism and nutrition disorders	protein deficiency										
endocrine disorders	carcinoid syndrome										
ear and labyrinth disorders	neonatal hypoacusis	4	25.99(9.55 25.98(9.56 92.16	4.64(3.35)	24.96(10.80)	0					
cardiac disorders	cardiac ventricular disorder										
blood and lymphatic system disorders	hypersplenism										
psychiatric disorders	perseveration	4	32.14(11.7 32.14(11.8 114.64	4.93(3.63)	30.58(13.10)	0	3	21.49(6.76 21.49(6.76 56.16	4.37(2.91)	20.63(7.84 0	0.002
psychiatric disorders	suspected suicide	36	14.29(10.2 14.28(10.2 434.57	3.81(3.33)	13.98(10.60)	0	22	10.47(6.86 10.46(6.8, 184.42	3.36(2.76)	10.27(7.21 0	0

psychiatric disorders	delirium tremens	3	17.28(5.49 17.28(5.44 44.75	4.07(2.63) 16.83(6.44 0.001	0.003						
psychiatric disorders	posturing	5	12.72(5.25 12.72(5.27 52.9	3.64(2.47) 12.48(5.95 0	0						
psychiatric disorders	helplessness	4	9.36(3.49, 9.36(3.51, 29.41	3.21(1.93) 9.23(4.04) 0.001	0.004						
psychiatric disorders	trance					8	34.69(16.9 34.68(16.7 244.51	5.02(4.04) 32.47(17.8 0	0		
psychiatric disorders	autophobia					3	23.53(7.39 23.53(7.4, 61.78	4.49(3.04) 22.51(8.54 0	0.001		
psychiatric disorders	suicide threat					4	12.84(4.76 12.84(4.73 42.55	3.65(2.36) 12.54(5.46 0	0.001		
psychiatric disorders	delusional perception					4	12.75(4.73 12.75(4.69 42.24	3.64(2.35) 12.46(5.43 0	0.001		
psychiatric disorders	flashback					4	10.04(3.73 10.03(3.69 31.89	3.3(2.02) 9.85(4.3) 0.001	0.003		
psychiatric disorders	antisocial behaviour					7	7.88(3.73, 7.88(3.74, 41.39	2.96(1.95) 7.77(4.16) 0	0		
investigations	blood ph decreased	17	13.45(8.32 13.45(8.24 191.63	3.72(3.05) 13.18(8.81 0	0	18	11.82(7.4, 11.81(7.38 174.01	3.53(2.87) 11.56(7.82 0	0		
investigations	drug screen positive	55	11.61(8.89 11.6(8.82, 522.88	3.51(3.13) 11.4(9.12) 0	0	72	10.79(8.55 10.78(8.52 625.02	3.4(3.07) 10.57(8.69 0	0		
investigations	blood ph increased	5	11.79(4.87 11.79(4.88 48.43	3.53(2.37) 11.58(5.52 0	0	4	7.75(2.89, 7.75(2.91, 23.16	2.94(1.66) 7.65(3.35) 0.002	0.006		
investigations	grip strength	4	18.5(6.84, 18.5(6.81, 64.28	4.17(2.88) 17.99(7.83 0	0						
investigations	po2 decreased	12	14.26(8.04 14.26(8.08 144.53	3.8(3.01) 13.95(8.64 0	0						
investigations	anti-cyclic citrullinated peptide antibody	8	11.69(5.81 11.69(5.77 76.71	3.52(2.57) 11.49(6.4) 0	0						
investigations	neurological examination abnormal	4	10.76(4, 21 10.76(4.04 34.8	3.4(2.13) 10.59(4.63 0.001	0.002						
investigations	drug level					4	76.04(26.5 76.03(26.3 256.68	6.04(4.68) 66.02(27.3 0	0		
investigations	analgesic drug level above therapeutic					4	31.89(11.6 31.88(11.5 112.41	4.91(3.6) 30.01(12.8 0	0		
investigations	blood ethanol increased					4	17.04(6.29 17.04(6.27 58.39	4.04(2.75) 16.51(7.17 0	0		
investigations	blood alcohol increased					7	8.54(4.05, 8.54(4.06, 45.82	3.07(2.06) 8.41(4.5) 0	0		
investigations	electrocardiogram st segment abnormal					5	8.49(3.51, 8.49(3.51, 32.49	3.06(1.9) 8.36(3.99) 0	0.001		
investigations	blood chromogranin a increased					3	8.24(2.63, 8.24(2.64, 18.76	3.02(1.59) 8.12(3.12) 0.006	0.016		
nervous system disorders	cerebrospinal fluid leakage	16	11.77(7.18 11.77(7.21 154.71	3.53(2.84) 11.57(7.65 0	0	11	9.81(5.4, 19.81(5.45, 85.36	3.27(2.44) 9.64(5.85) 0	0		
nervous system disorders	anterior spinal artery syndrome	8	101.78(48, 101.77(48, 684.19	6.45(5.43) 87.37(46.7 0	0						
nervous system disorders	piriformis syndrome	3	17.79(5.64 17.78(5.59 46.18	4.11(2.67) 17.31(6.62 0.001	0.003						
nervous system disorders	arachnoid cyst	3	11.45(3.65 11.45(3.67 28.08	3.49(2.06) 11.26(4.33 0.003	0.008						
nervous system disorders	consciousness fluctuating	8	10.76(5.35 10.76(5.31 69.59	3.4(2.45) 10.59(5.9) 0	0						
nervous system disorders	myoclonus	85	10.3(8.31, 10.29(8.29 700.86	3.34(3.03) 10.13(8.47 0	0						
nervous system disorders	phantom limb syndrome					3	19.77(6.23 19.77(6.22 51.4	4.25(2.8) 19.05(7.25 0.001	0.002		
nervous system disorders	brain hypoxia					11	13.87(7.62 13.87(7.55 127.75	3.76(2.93) 13.52(8.19 0	0		
nervous system disorders	amnesic disorder					4	9.88(3.67, 9.88(3.71, 31.31	3.28(2) 9.71(4.24) 0.001	0.003		
nervous system disorders	hypoxic-ischaemic encephalopathy					20	8.8(5.65, 18.79(5.6, 1135.73	3.11(2.49) 8.66(5.98) 0	0		
nervous system disorders	stupor					20	7.79(5.01, 7.79(4.96, 116.51	2.94(2.32) 7.68(5.31) 0	0		
general disorders and administration site conditions	catheter site granuloma	4	174.47(57. 174.46(57. 536.55	7.09(5.67) 135.91(53. 0	0	3	92.67(27, 92.66(26.9 229.06	6.29(4.74) 78.19(27.8 0	0		
general disorders and administration site conditions	injection site granuloma	9	53.36(27, 53.35(26.8 425.2	5.62(4.69) 49.15(27.7 0	0	14	133.1(73.7 133.05(73. 1445.6	6.71(5.91) 105.04(64. 0	0		
general disorders and administration site conditions	implant site extravasation	9	16.12(8.31 16.12(8.28 124.32	3.98(3.07) 15.73(9.04 0	0						
general disorders and administration site conditions	implant site discharge	5	13.75(5.67 13.75(5.69 57.82	3.75(2.58) 13.47(6.42 0	0						
general disorders and administration site conditions	haemorrhagic cyst	5	12.78(5.27 12.77(5.29 53.15	3.65(2.48) 12.53(5.97 0	0						
general disorders and administration site conditions	infusion site granuloma					4	219.66(67. 219.64(67. 602.7	7.25(5.78) 152.36(56. 0	0		
general disorders and administration site conditions	medical device site erythema					3	28.51(8.9, 28.51(8.97 75.29	4.76(3.29) 27.01(10.2 0	0.001		
general disorders and administration site conditions	brain death					20	8.62(5.54, 8.62(5.49, 132.36	3.09(2.46) 8.49(5.86) 0	0		
respiratory, thoracic and mediastinal disorders	acute chest syndrome	31	53.2(36.85 53.17(36.6 1459.77	5.61(5.09) 48.99(36.00	0	30	42.76(29.4 42.72(29.4 1125.19	5.3(4.77) 39.4(28.84 0	0		
respiratory, thoracic and mediastinal disorders	bradypnoea	26	15.01(10.1 15.01(10.1 331.73	3.87(3.32) 14.67(10.5 0	0	26	12.32(8.34 12.31(8.32 263.55	3.59(3.04) 12.03(8.69 0	0		
respiratory, thoracic and mediastinal disorders	respiratory arrest	196	9.69(8.41, 9.66(8.42, 1498.14	3.25(3.05) 9.52(8.46) 0	0	181	8.04(6.94, 8(6.97, 9.1 1092.38	2.98(2.77) 7.89(6.98) 0	0		
respiratory, thoracic and mediastinal disorders	paranasal cyst	6	30.03(13.2 30.03(13.1 160.49	4.84(3.74) 28.67(14.4 0	0						
respiratory, thoracic and mediastinal disorders	obliterative bronchiolitis	12	14.04(7.92 14.04(7.95 142.03	3.78(2.99) 13.74(8.51 0	0						
respiratory, thoracic and mediastinal disorders	respiratory paralysis					4	30.41(11.0 30.41(10.9 107.18	4.84(3.53) 28.71(12.3 0	0		
respiratory, thoracic and mediastinal disorders	pneumonitis aspiration					3	13.24(4.21 13.24(4.17 33.05	3.69(2.25) 12.92(4.95 0.002	0.005		
respiratory, thoracic and mediastinal disorders	hypoventilation					24	9.81(6.55, 9.8(6.49, 1186.02	3.27(2.7) 9.63(6.87) 0	0		
respiratory, thoracic and mediastinal disorders	respiratory acidosis					26	8.63(5.86, 8.63(5.83, 172.38	3.09(2.54) 8.5(6.14) 0	0		
respiratory, thoracic and mediastinal disorders	irregular breathing					3	8.19(2.62, 8.19(2.63, 18.63	3.01(1.58) 8.07(3.11) 0.006	0.016		
respiratory, thoracic and mediastinal disorders	asphyxia					52	8.08(6.14, 8.07(6.13, 316.88	2.99(2.6) 7.95(6.32) 0	0		
injury, poisoning and procedural	sedation complication	39	21.57(15.6 21.55(15.7 738.26	4.38(3.93) 20.85(15.9 0	0	20	14.59(9.35 14.58(9.29 245.69	3.83(3.2) 14.19(9.78 0	0		
injury, poisoning and procedural	accidental overdose	219	9.04(7.91, 9(7.85, 10. 1535.99	3.15(2.96) 8.89(7.95) 0	0	251	9.9(8.74, 19.84(8.75, 1955.95	3.27(3.09) 9.67(8.71) 0	0		
injury, poisoning and procedural	obstetric procedure complication	6	146.56(60. 146.54(60. 699.44	6.89(5.71) 118.37(56. 0	0						
injury, poisoning and procedural	thermal burns of eye	3	20.82(6.59 20.82(6.55 54.73	4.33(2.89) 20.16(7.7) 0	0.002						
injury, poisoning and procedural	environmental exposure	3	19.49(6.17 19.49(6.13 50.99	4.24(2.8) 18.92(7.23 0.001	0.002						
injury, poisoning and procedural	exposure to contaminated device	4	16.62(6.15 16.62(6.12 57.15	4.02(2.73) 16.2(7.06) 0	0.001						
injury, poisoning and procedural	procedural hypotension	10	14.3(7.64, 14.3(7.64, 120.87	3.81(2.94) 14(8.28) 0	0						
injury, poisoning and procedural	documented hypersensitivity to administered produ	9	13.84(7.15 13.84(7.11 104.86	3.76(2.86) 13.56(7.8) 0	0						
injury, poisoning and procedural	maternal exposure during delivery	13	12.83(7.41 12.82(7.41 138.81	3.65(2.89) 12.58(7.94 0	0						
injury, poisoning and procedural	carbon monoxide poisoning	3	9.16(2.93, 9.16(2.94, 21.48	3.18(1.75) 9.04(3.48) 0.005	0.013						
injury, poisoning and procedural	drug monitoring procedure incorrectly performed					6	17.34(7.68 17.34(7.61 89.25	4.07(2.98) 16.79(8.49 0	0		

injury, poisoning and procedural	poisoning						109	10.95(9.06 10.92(8.98 961.47	3.42(3.15) 10.71(9.13 0	0
infections and infestations	meningitis herpes	4	23.95(8.82 23.95(8.81 84.63	4.53(3.23) 23.08(10) 0	0					
infections and infestations	lupus vulgaris	13	14.68(8.47 14.67(8.47 161.75	3.84(3.08) 14.35(9.06 0	0					
infections and infestations	retinitis	15	13.16(7.89 13.16(7.91 164.98	3.69(2.97) 12.9(8.41) 0	0					
infections and infestations	herpes zoster oticus	4	10.39(3.87 10.39(3.9, 33.39	3.36(2.08) 10.24(4.48 0.001	0.003					
infections and infestations	lymph gland infection	4	9.32(3.47, 9.32(3.5, 229.27	3.2(1.92) 9.2(4.03) 0.001	0.004					
infections and infestations	pseudomonas bronchitis					3	59.31(17.9 59.3(17.94 153.53	5.73(4.22) 53.06(19.4 0	0	
infections and infestations	herpes simplex meningoencephalitis					3	47.83(14.6 47.82(14.7 125.4	5.45(3.96) 43.69(16.2 0	0	
infections and infestations	whipple's disease					4	10.4(3.86, 10.4(3.83, 33.3	3.35(2.07) 10.21(4.46 0.001	0.002	
infections and infestations	herpes simplex encephalitis					3	9.32(2.98, 9.32(2.99, 21.88	3.2(1.77) 9.17(3.53) 0.005	0.012	
infections and infestations	lower respiratory tract infection fungal					3	8.93(2.85, 8.93(2.87, 20.75	3.14(1.71) 8.79(3.38) 0.005	0.013	
surgical and medical procedures	detoxification	5	20.77(8.52 20.77(8.6, 90.99	4.33(3.15) 20.12(9.54 0	0	3	9.75(3.11, 9.75(3.13, 23.11	3.26(1.83) 9.58(3.68) 0.004	0.011	
surgical and medical procedures	euthanasia	3	15.52(4.94 15.52(4.98 39.75	3.92(2.49) 15.16(5.81 0.001	0.004					
surgical and medical procedures	patient restraint					3	32.23(10.0 32.23(9.94 85.22	4.92(3.45) 30.32(11.4 0	0.001	
surgical and medical procedures	drug rehabilitation					4	26.36(9.64 26.36(9.7, 92.64	4.65(3.34) 25.07(10.8 0	0	
surgical and medical procedures	self-medication					37	10.54(7.61 10.53(7.55 312.59	3.37(2.91) 10.33(7.87 0	0	
surgical and medical procedures	finger amputation					6	10.05(4.48 10.05(4.5, 47.93	3.3(2.22) 9.87(5.02) 0	0	
gastrointestinal disorders	oesophageal motility disorder	5	17.35(7.13 17.35(7.18 74.89	4.08(2.91) 16.9(8.03) 0	0					
gastrointestinal disorders	trichoglossia	4	13.96(5.18 13.96(5.14 47.04	3.77(2.49) 13.67(5.96 0	0.001					
gastrointestinal disorders	oral discharge	3	9.07(2.9, 29.07(2.91, 21.22	3.16(1.73) 8.95(3.45) 0.005	0.014					
eye disorders	pupillary reflex impaired	18	13.14(8.23 13.13(8.2, 197.49	3.69(3.03) 12.88(8.71 0	0	20	14.37(9.21 14.37(9.16 241.69	3.81(3.18) 13.99(9.64 0	0	
eye disorders	pupil fixed	17	12.36(7.65 12.36(7.72 173.94	3.6(2.93) 12.13(8.12 0	0	15	11.08(6.64 11.08(6.66 134.55	3.44(2.73) 10.86(7.08 0	0	
eye disorders	lid sulcus deepened					3	15.13(4.8, 15.13(4.76 38.41	3.88(2.44) 14.71(5.62 0.001	0.004	
congenital, familial and genetic disorders	foetal megacystis	3	228.99(60. 228.98(60. 495.23	7.38(5.75) 166.8(54.9 0	0					
congenital, familial and genetic disorders	vascular malformation	6	39.4(17.26 39.39(17.2 210.91	5.21(4.11) 37.07(18.5 0	0					
congenital, familial and genetic disorders	congenital pulmonary hypertension	3	21.81(6.89 21.81(6.86 57.51	4.4(2.95) 21.09(8.05 0	0.002					
congenital, familial and genetic disorders	ductus arteriosus premature closure	3	13.47(4.29 13.47(4.32 33.88	3.72(2.29) 13.2(5.07) 0.002	0.005					
congenital, familial and genetic disorders	newborn persistent pulmonary hypertension					4	23.54(8.63 23.53(8.66 82.38	4.49(3.19) 22.51(9.72 0	0	
skin and subcutaneous tissue disorders	pruritus allergic	13	10.88(6.28 10.87(6.28 114.52	3.42(2.66) 10.7(6.76) 0	0					
skin and subcutaneous tissue disorders	chronic spontaneous urticaria	10	10.85(5.8, 10.85(5.79 87.82	3.42(2.56) 10.67(6.33 0	0					
reproductive system and breast disorders	female reproductive tract disorder	4	16.39(6.07 16.39(6.03 56.3	4(2.71) 15.99(6.97 0	0.001					
reproductive system and breast disorders	perineal pain					4	7.78(2.9, 27.78(2.92, 23.28	2.94(1.66) 7.68(3.36) 0.002	0.006	
renal and urinary disorders	urinary bladder rupture	4	20.19(7.46 20.19(7.43 70.61	4.29(3) 19.57(8.5) 0	0					
renal and urinary disorders	nephrosclerosis	10	12.19(6.52 12.19(6.51 100.69	3.58(2.72) 11.97(7.09 0	0					
renal and urinary disorders	bladder neck obstruction					4	22.72(8.34 22.72(8.36 79.41	4.44(3.15) 21.77(9.41 0	0	
neoplasms benign, malignant and unspecified (incl cysts and polyps)	systemic mastocytosis	4	19.23(7.11 19.23(7.08 67.02	4.22(2.93) 18.67(8.12 0	0	3	16.66(5.27 16.66(5.24 42.71	4.01(2.57) 16.15(6.17 0.001	0.003	
neoplasms benign, malignant and unspecified (incl cysts and polyps)	neuroendocrine tumour of the lung	3	39.82(12.3 39.82(12.2 106.59	5.23(3.76) 37.45(14.0 0	0					
neoplasms benign, malignant and unspecified (incl cysts and polyps)	metastases to eye	6	33.93(14.9 33.92(14.8 181.62	5.01(3.91) 32.19(16.1 0	0					
cardiac disorders	rhythm idioventricular	4	17.83(6.6, 17.83(6.56 61.73	4.12(2.83) 17.35(7.55 0	0					
cardiac disorders	cardiovascular symptom	3	10.41(3.32 10.41(3.34 25.08	3.36(1.93) 10.25(3.94 0.003	0.01					
cardiac disorders	myocardial fibrosis					7	8.92(4.22, 8.92(4.24, 48.32	3.13(2.12) 8.78(4.69) 0	0	
vascular disorders	neonatal hypotension					5	18.86(7.72 18.86(7.66 81.47	4.19(3.01) 18.21(8.62 0	0	
vascular disorders	visceral congestion					8	15.33(7.58 15.32(7.57 103.89	3.9(2.94) 14.89(8.27 0	0	
immune system disorders	drug hypersensitivity	5372	31.77(30.8 28.41(27.8 136291.89	4.77(4.72) 27.19(26.5 0	0	1430	20.08(19.0 19.33(18.2 23975.33	4.22(4.14) 18.64(17.8 0	0	
immune system disorders	contrast media allergy	24	16.91(11.2 16.9(11.2, 349.42	4.04(3.47) 16.47(11.7 0	0					
endocrine disorders	hypogonadism male					19	46.74(29.2 46.71(29.1 776.57	5.42(4.76) 42.77(28.8 0	0	
endocrine disorders	carcinoid crisis					4	23.82(8.73 23.82(8.77 83.41	4.51(3.21) 22.77(9.83 0	0	
musculoskeletal and connective tissue	seronegative arthritis	8	9.89(4.92, 9.89(4.88, 62.9	3.28(2.33) 9.75(5.43) 0	0					
hepatobiliary disorders	sphincter of oddi dysfunction	15	35.93(21.3 35.92(21.1 480.9	5.09(4.36) 33.98(21.9 0	0	9	49.99(25.1 49.97(25.1 392.28	5.51(4.57) 45.48(25.6 0	0	